

FIG. 1A

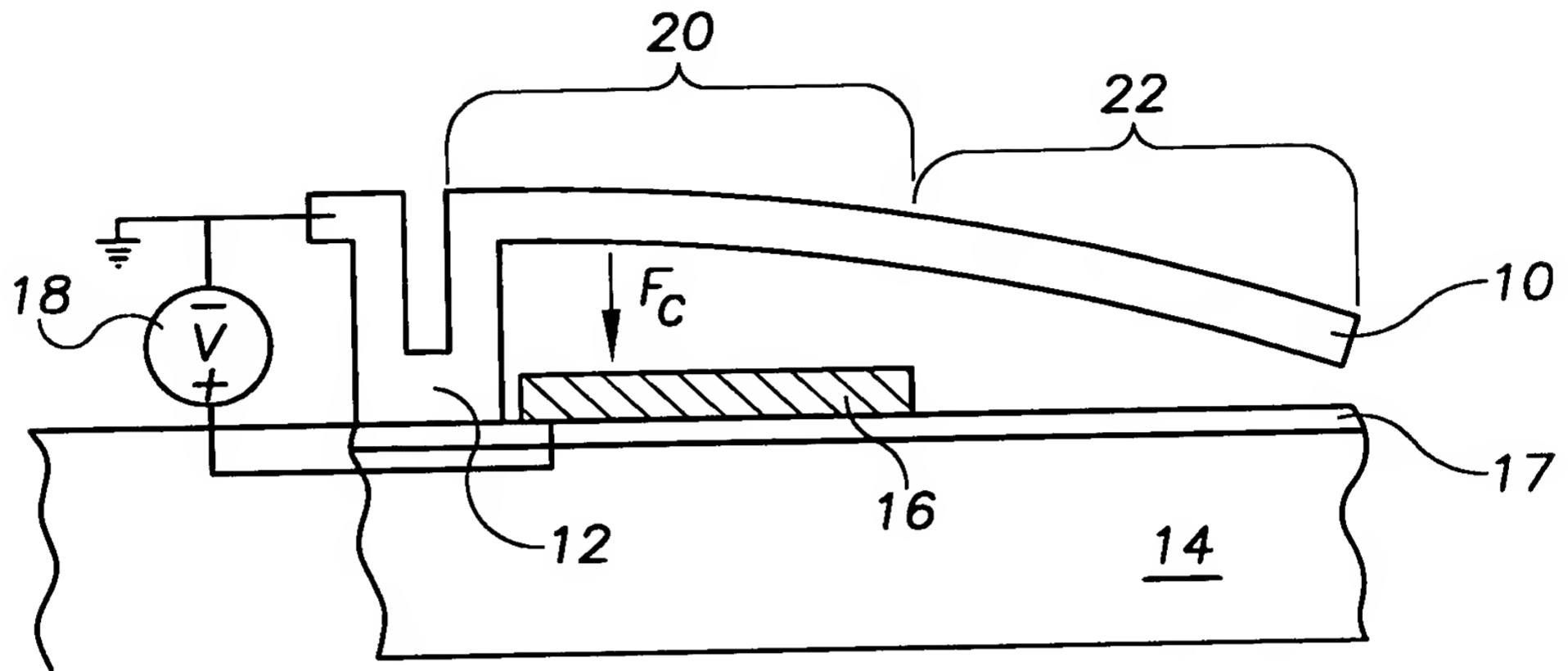


FIG. 1B

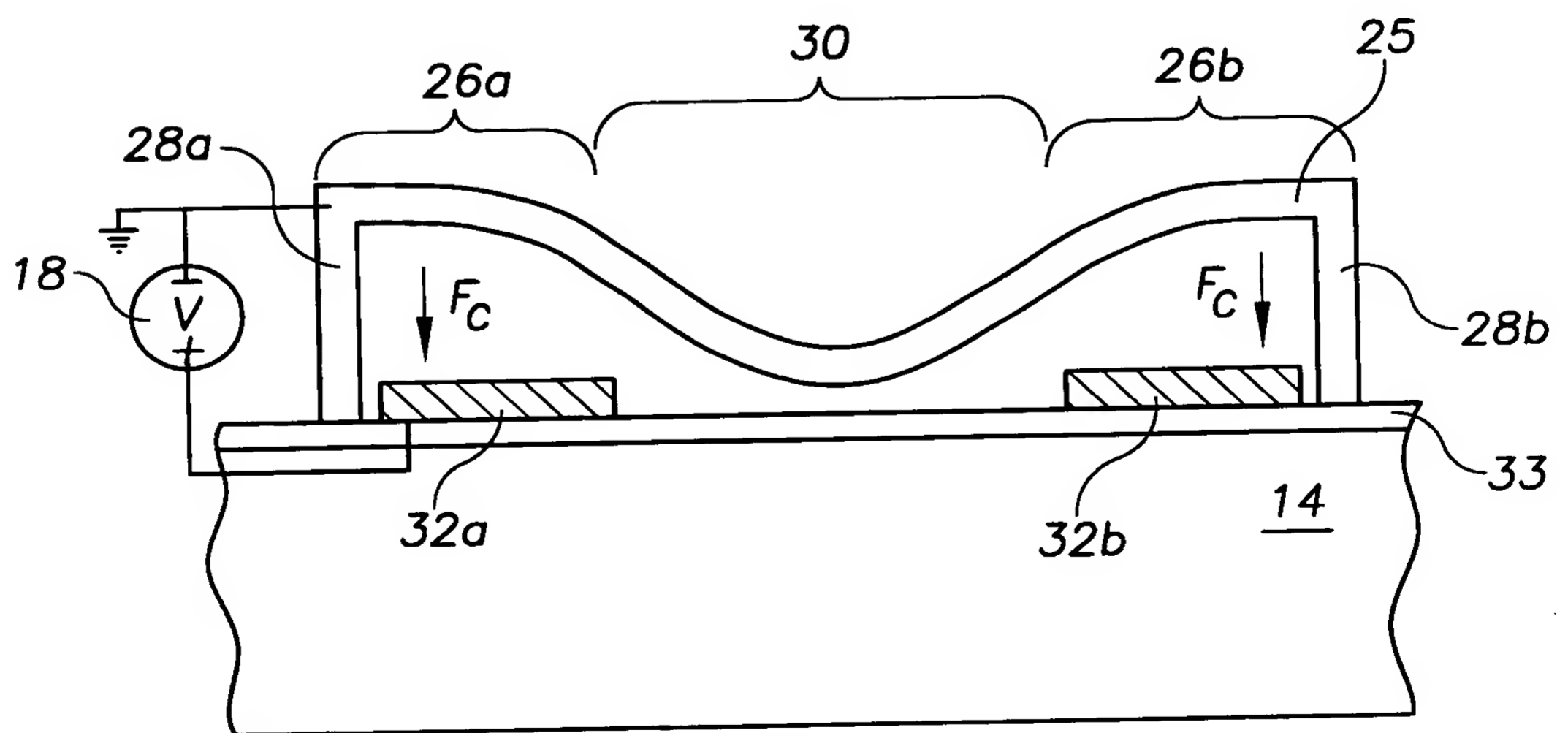
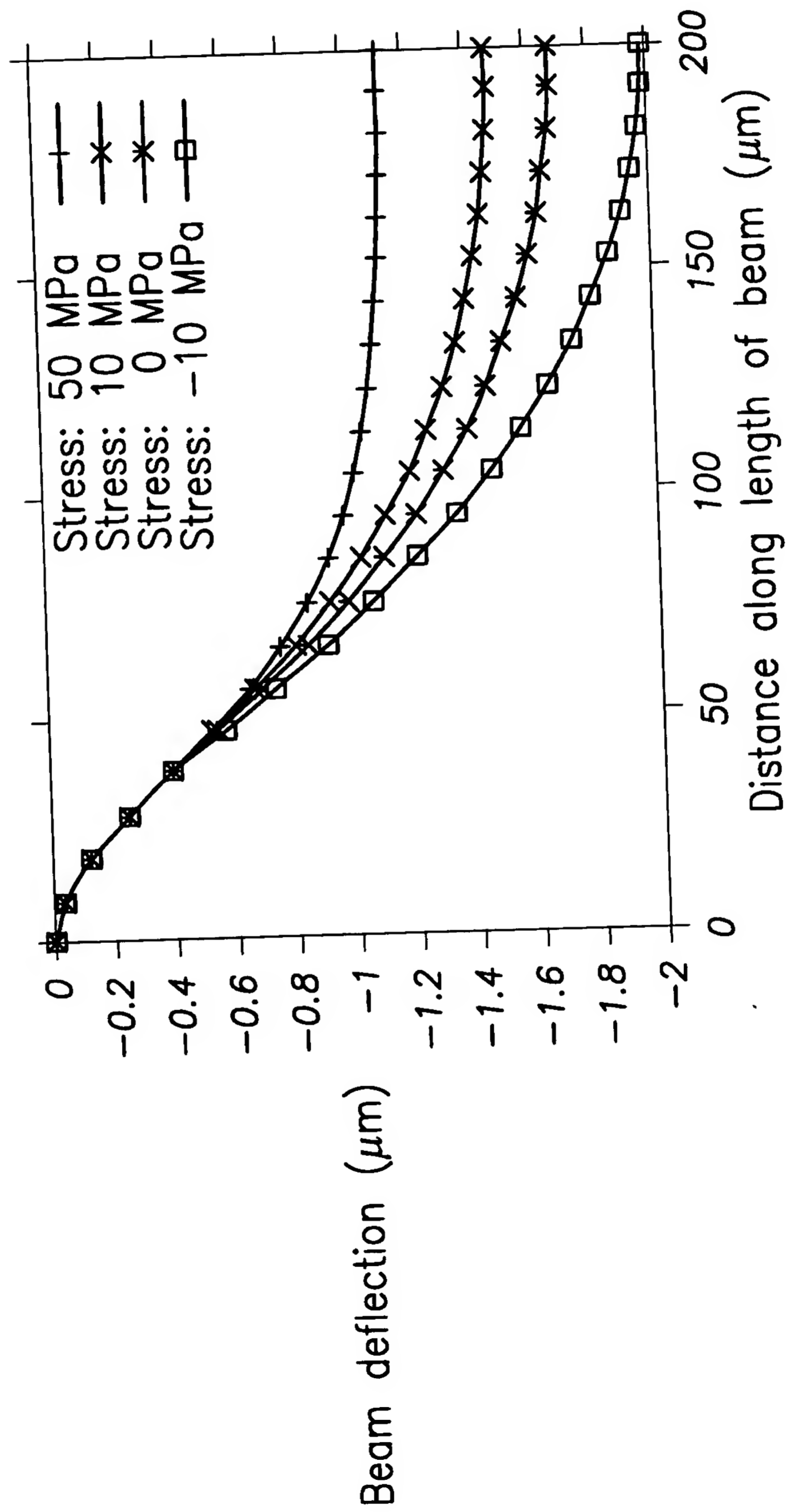


FIG.2



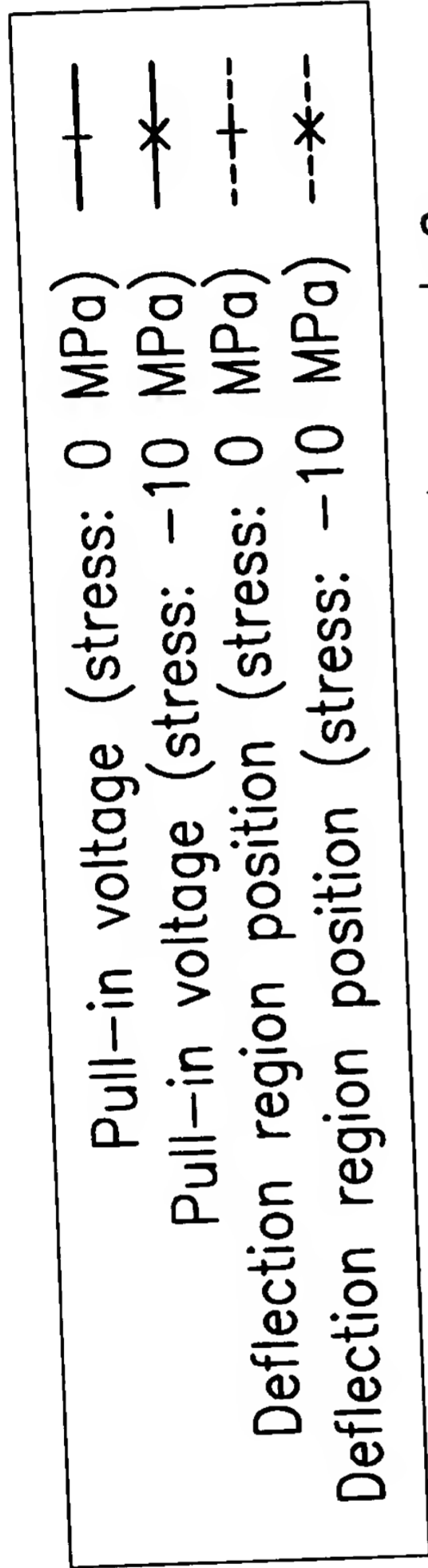


FIG. 3

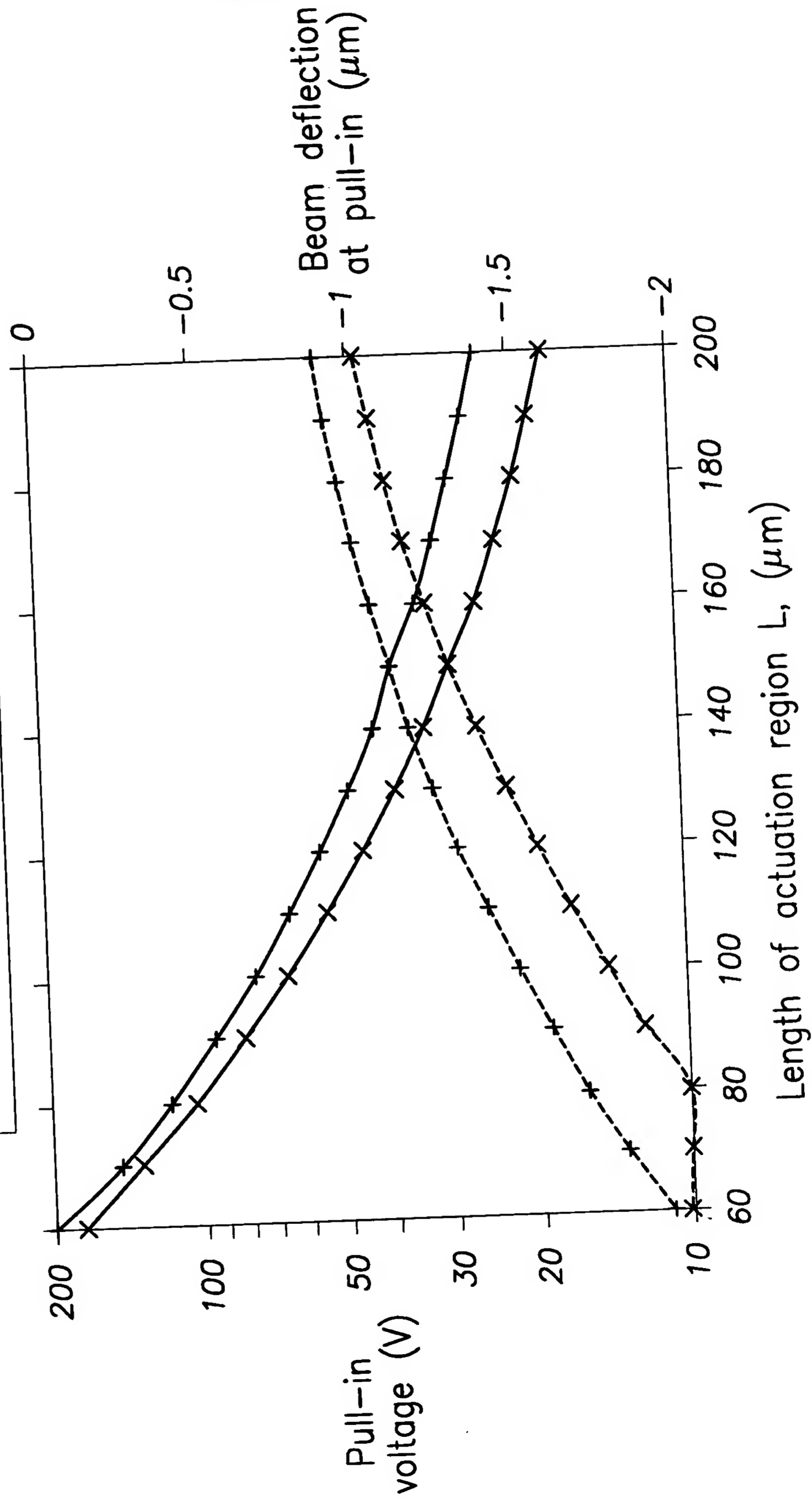


FIG.4

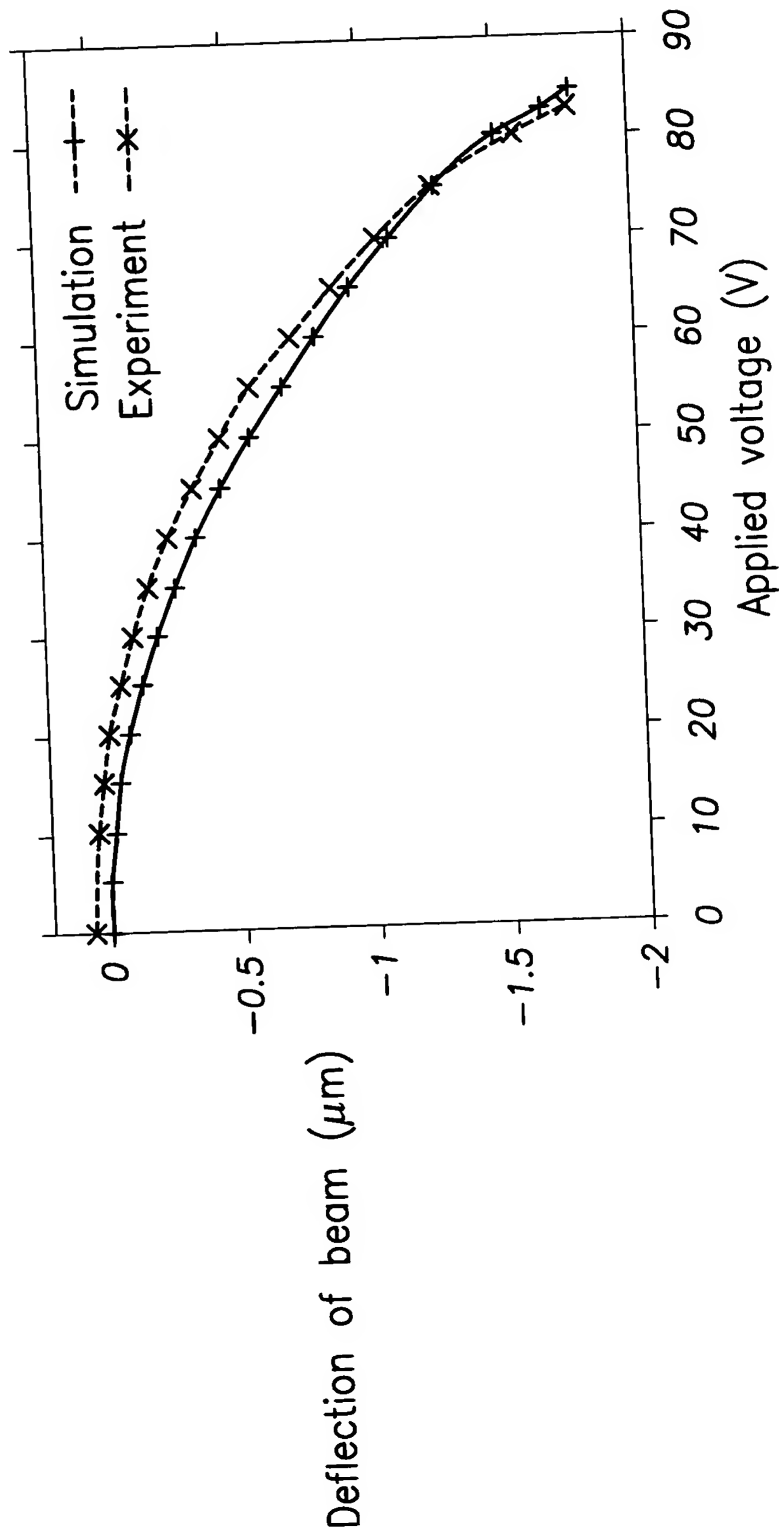


FIG. 5

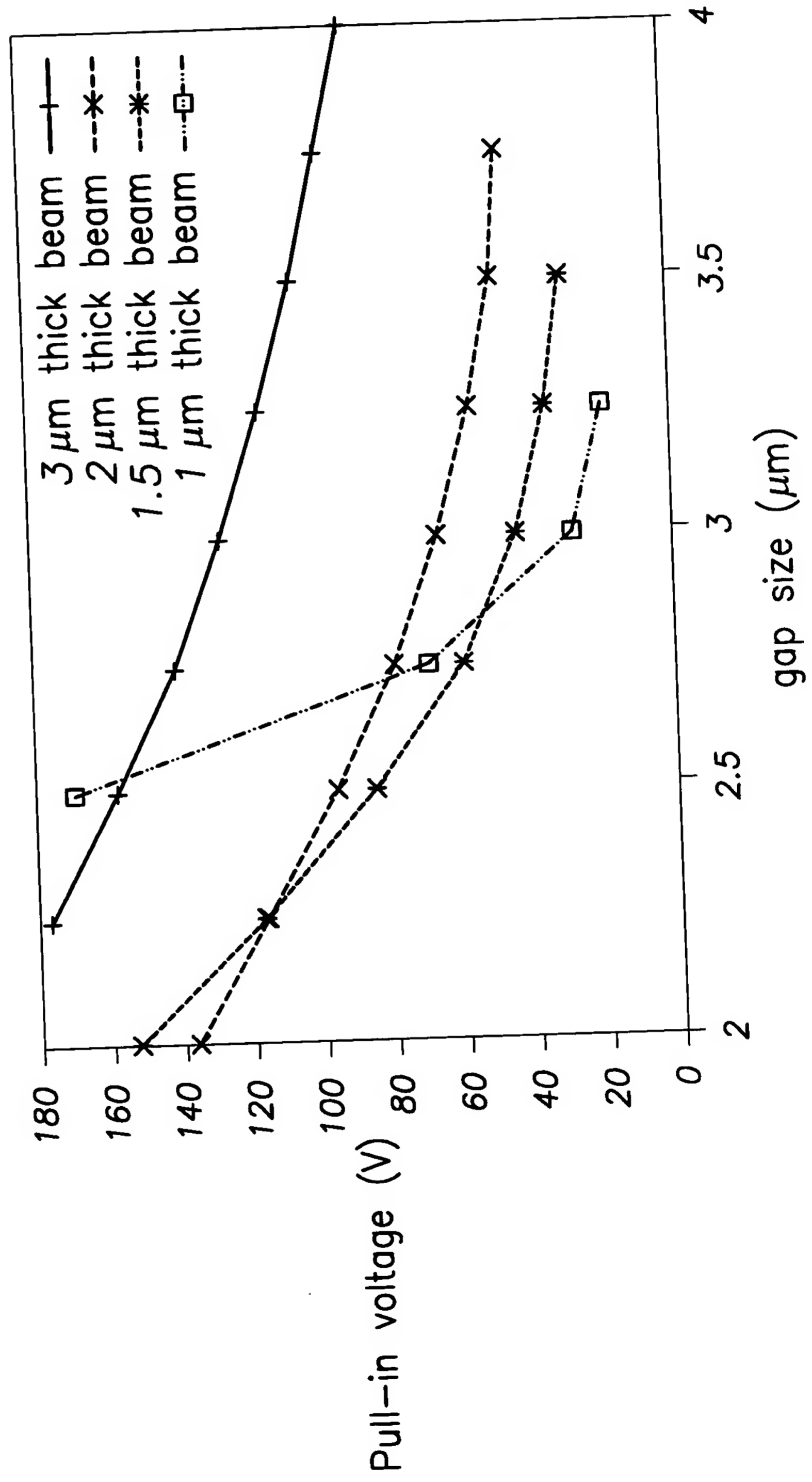


FIG. 6A

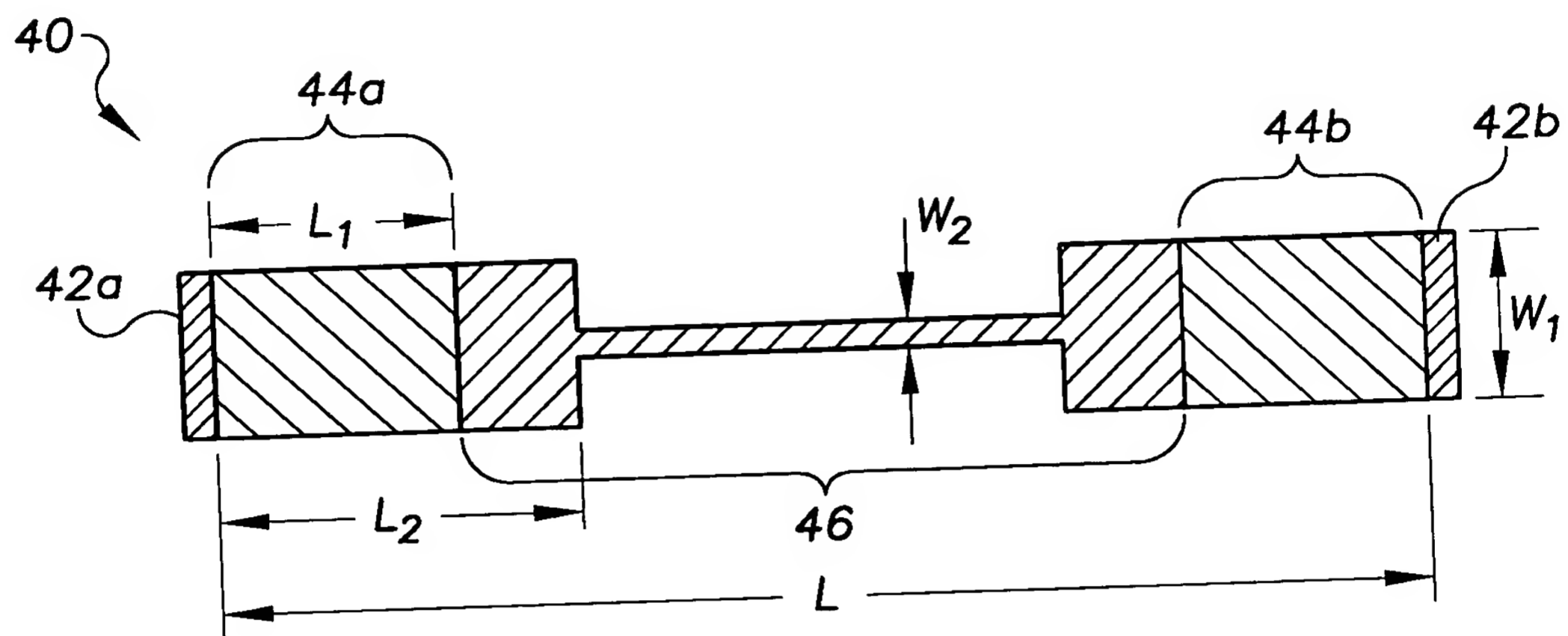
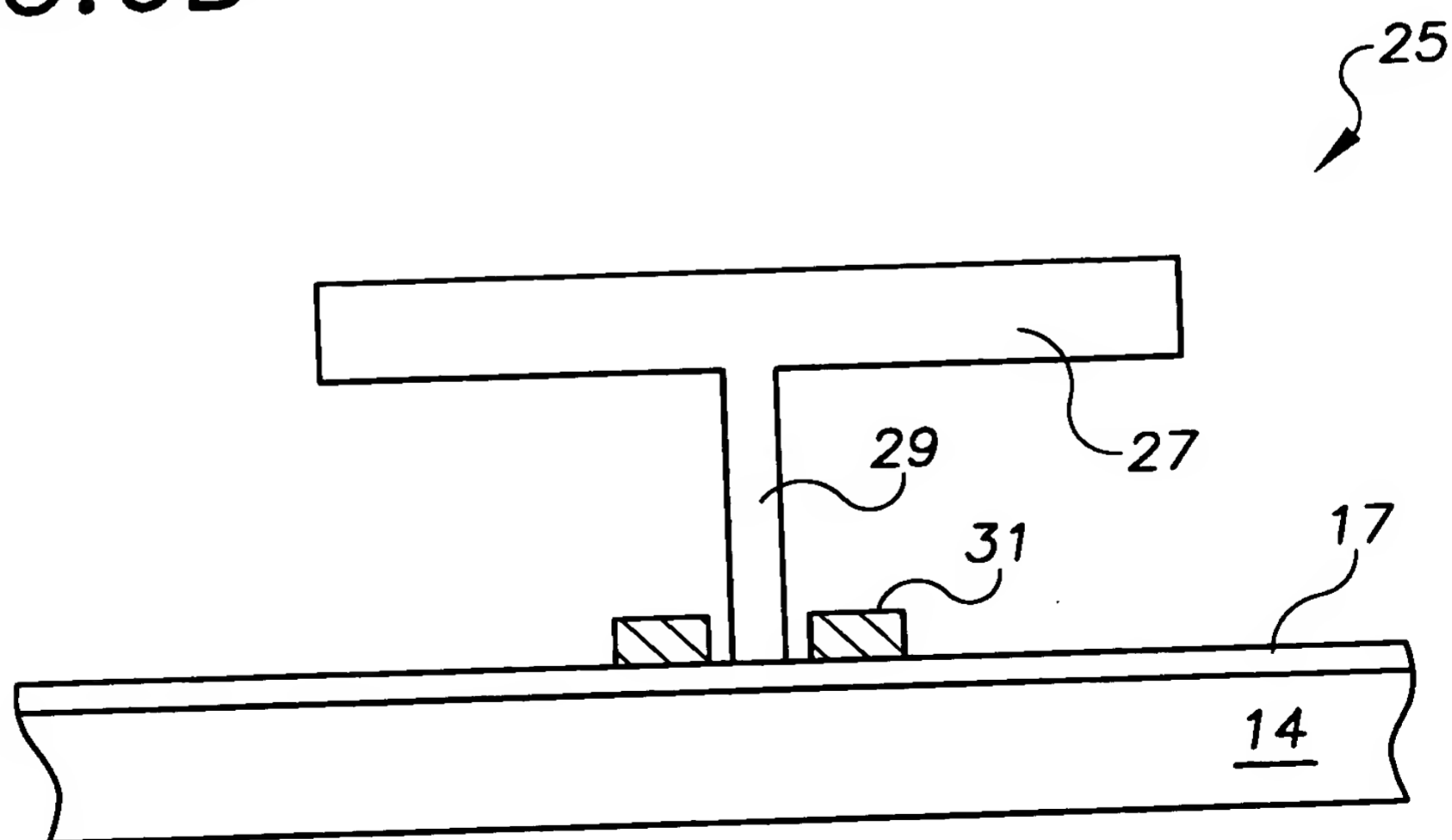


FIG. 6B



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FIG. 6C

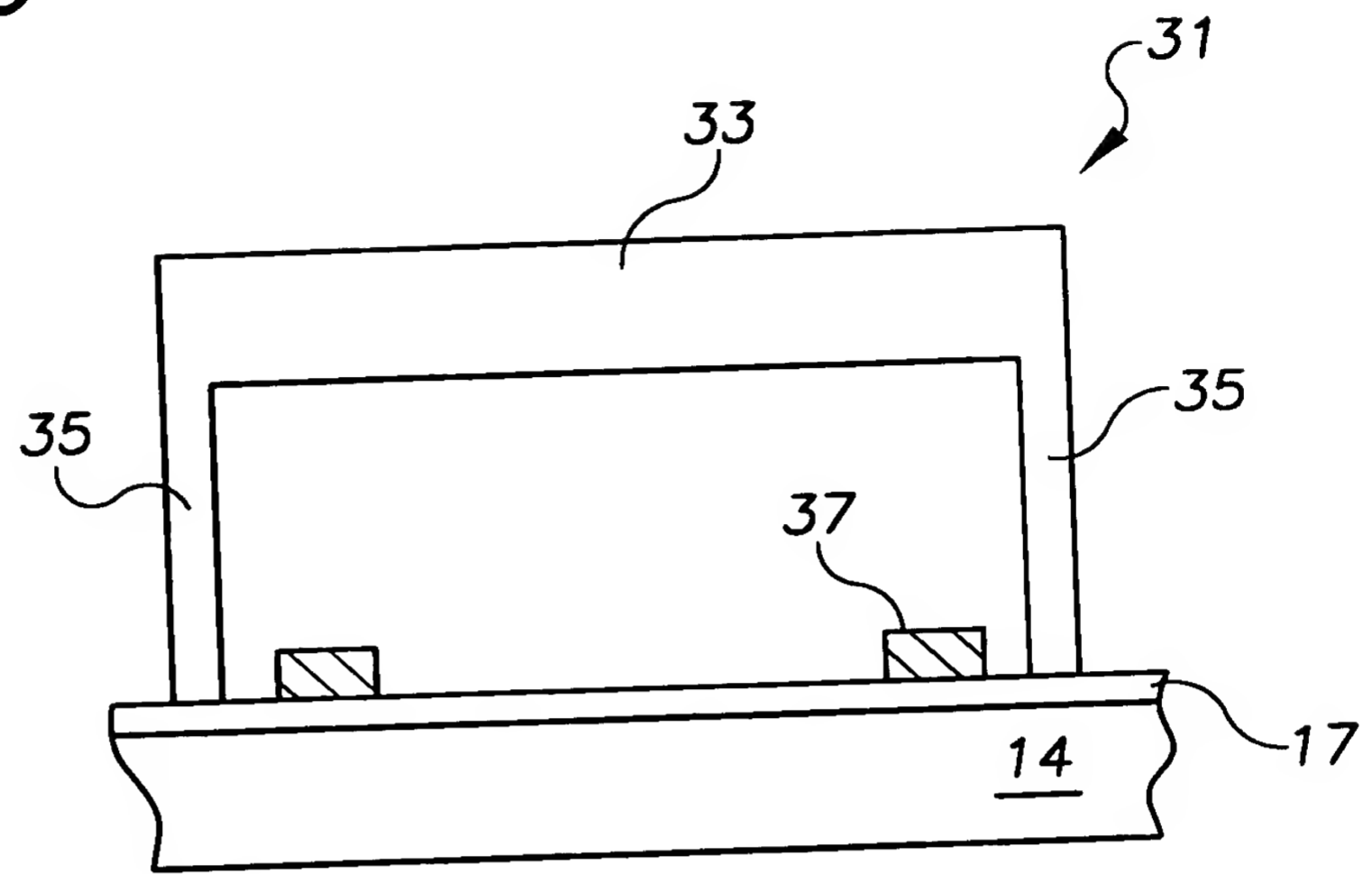
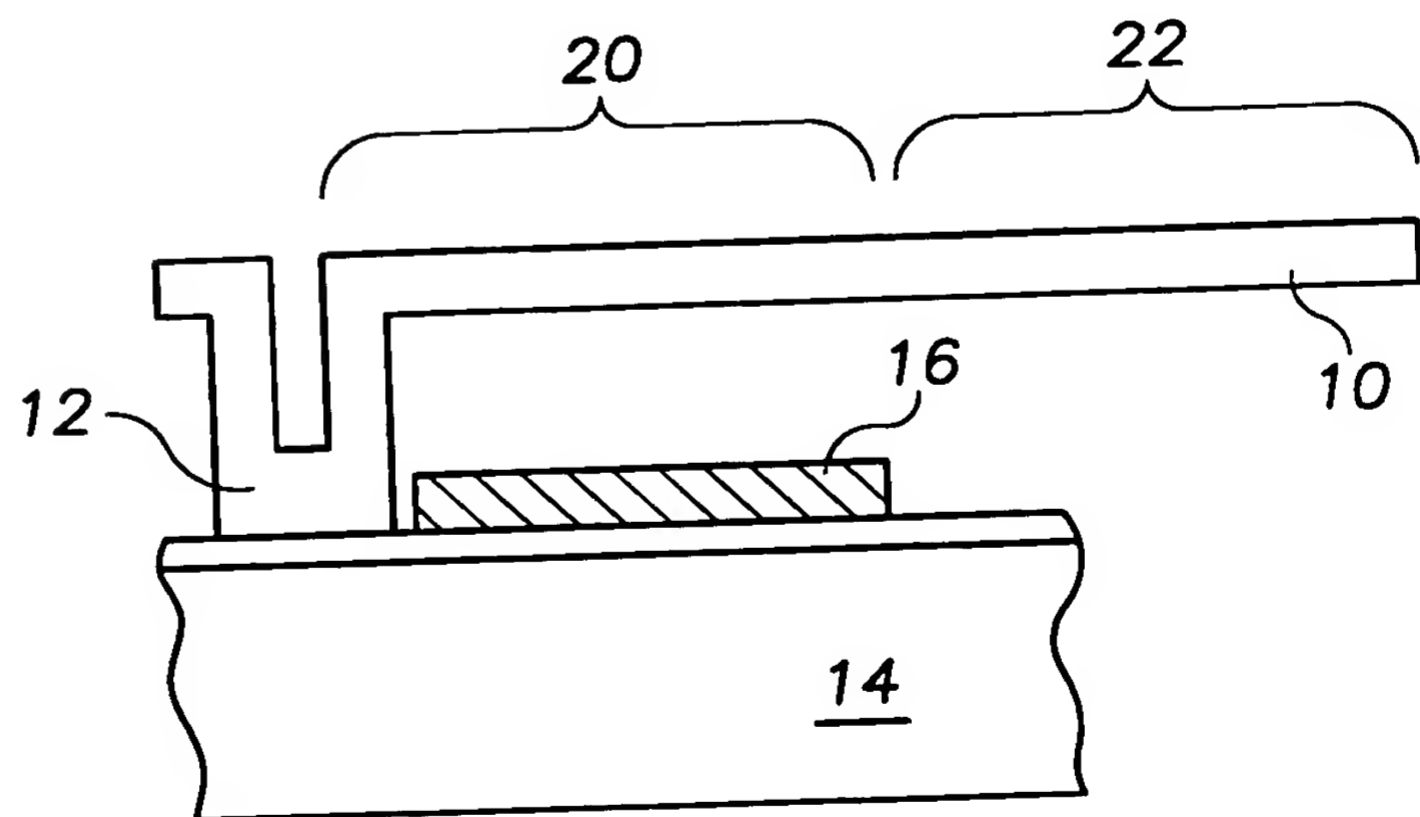


FIG. 6D



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FIG. 7

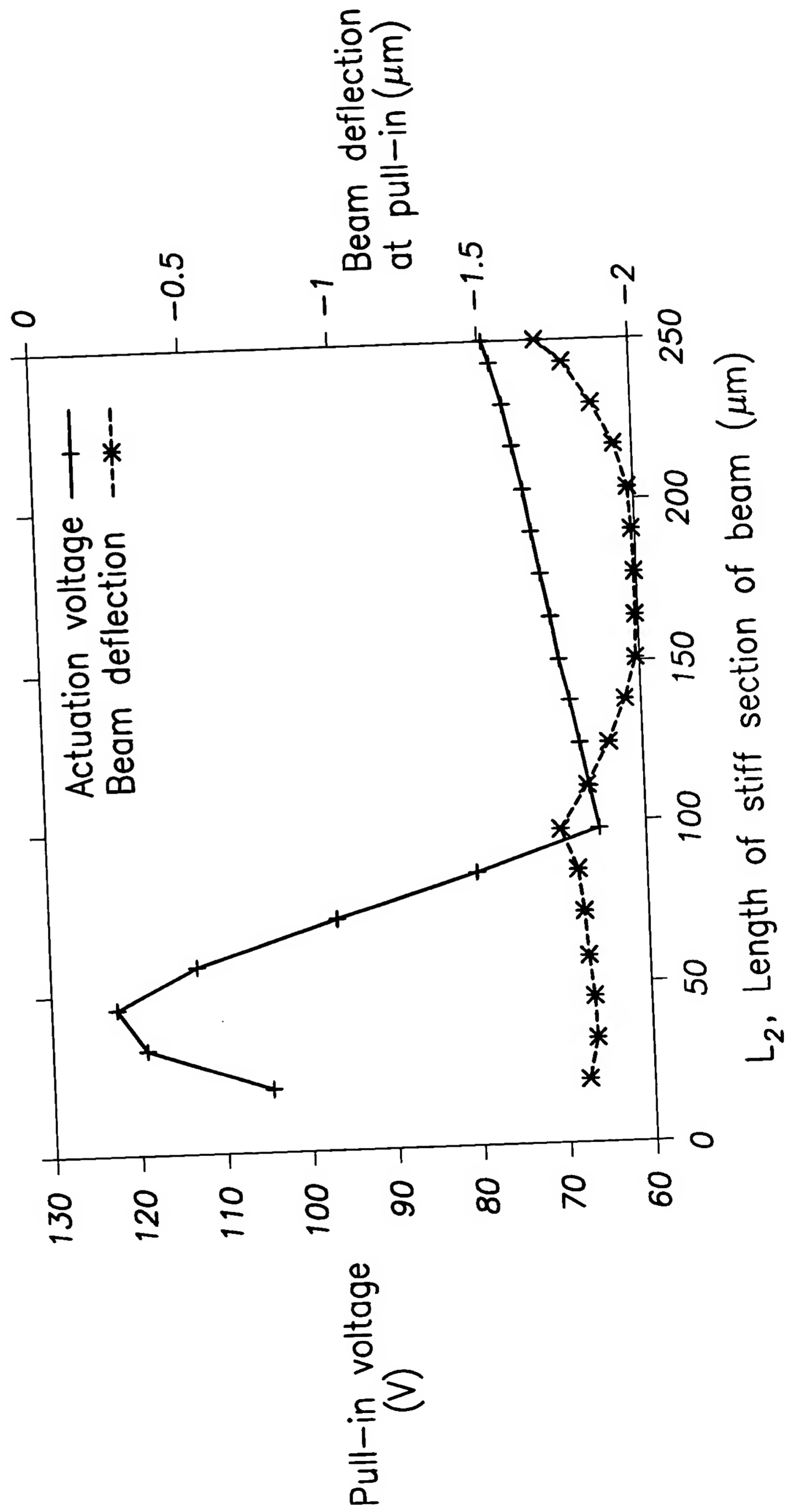


FIG. 8B

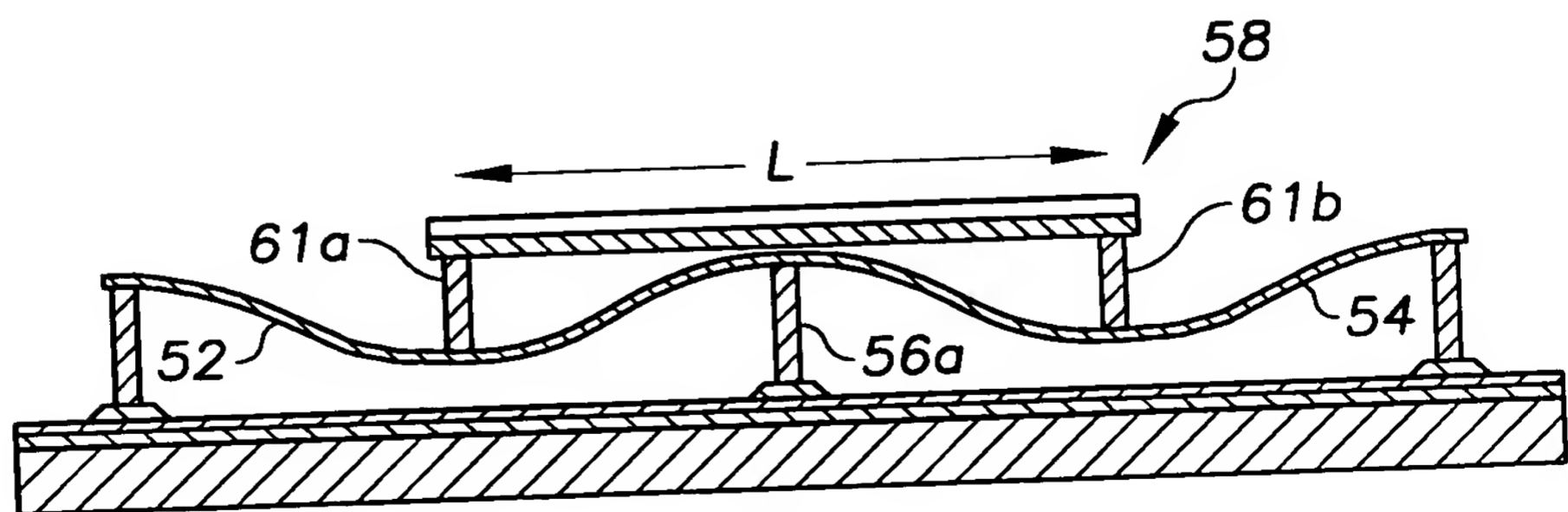


FIG. 9A

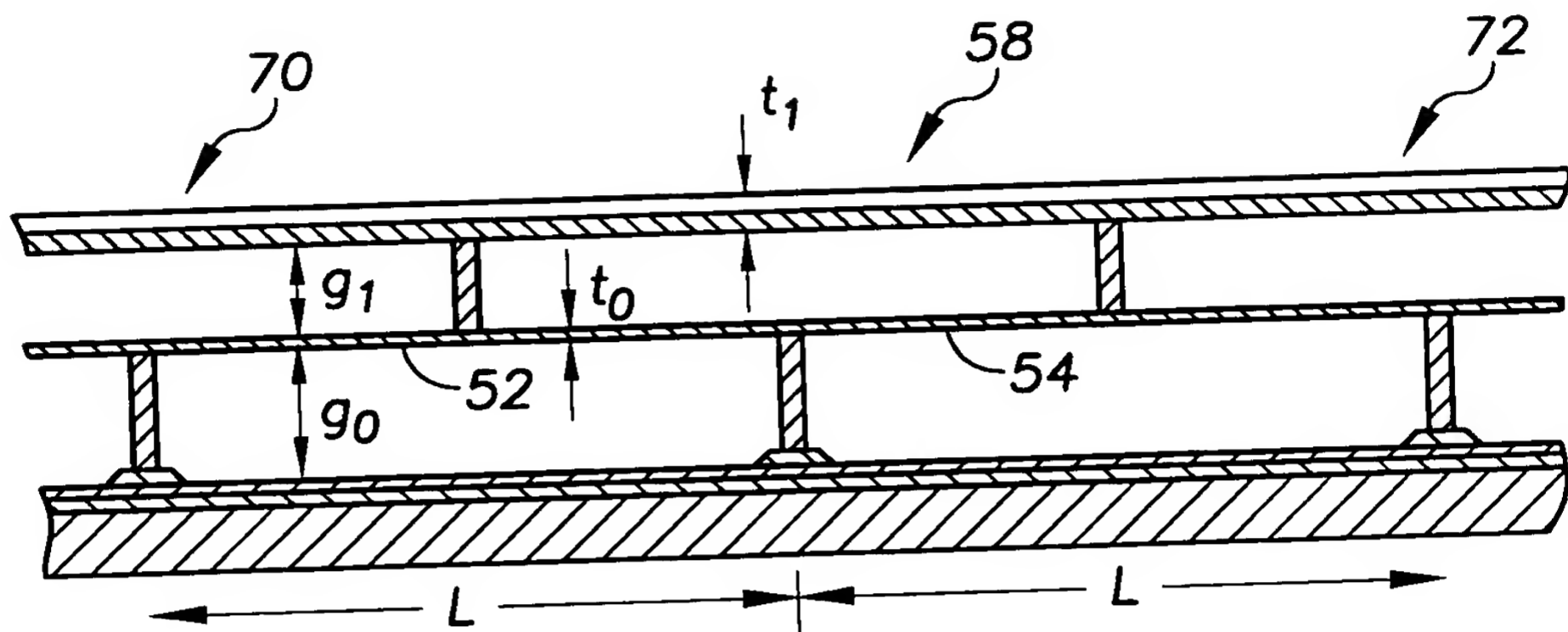


FIG. 9B

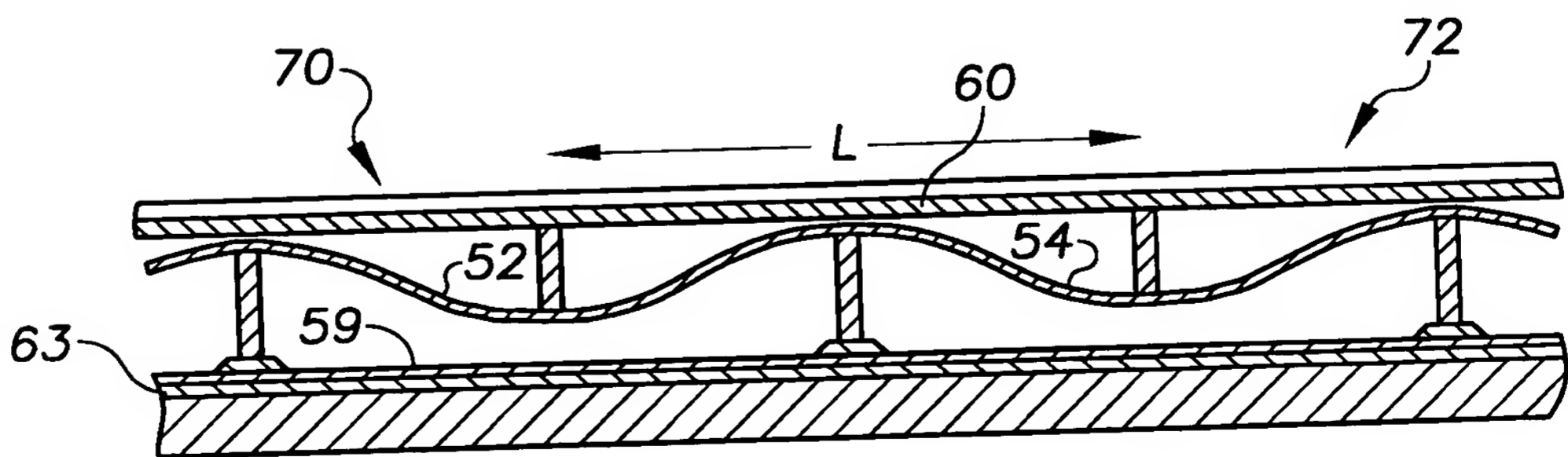


FIG. 10A

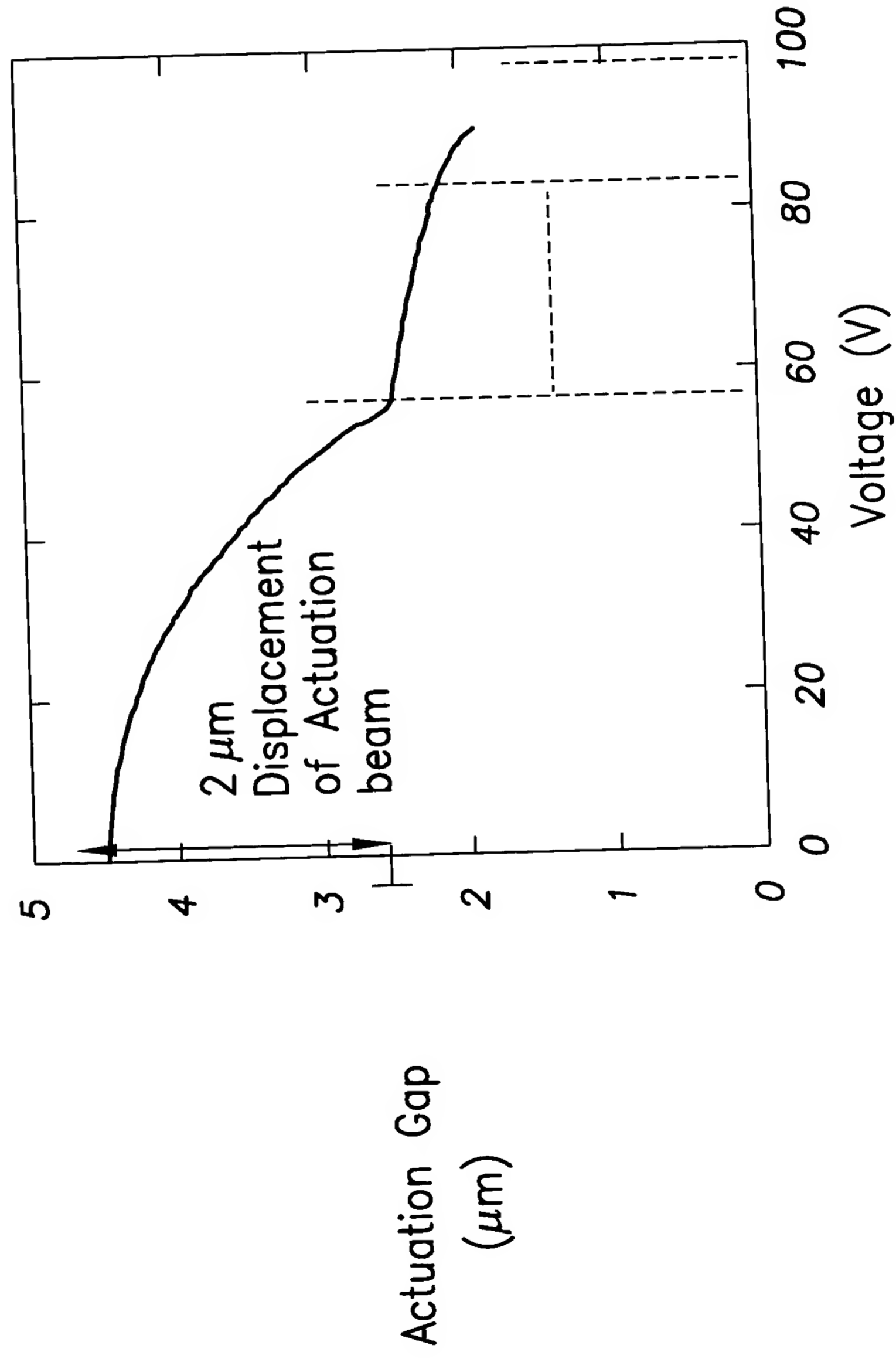


FIG. 10B

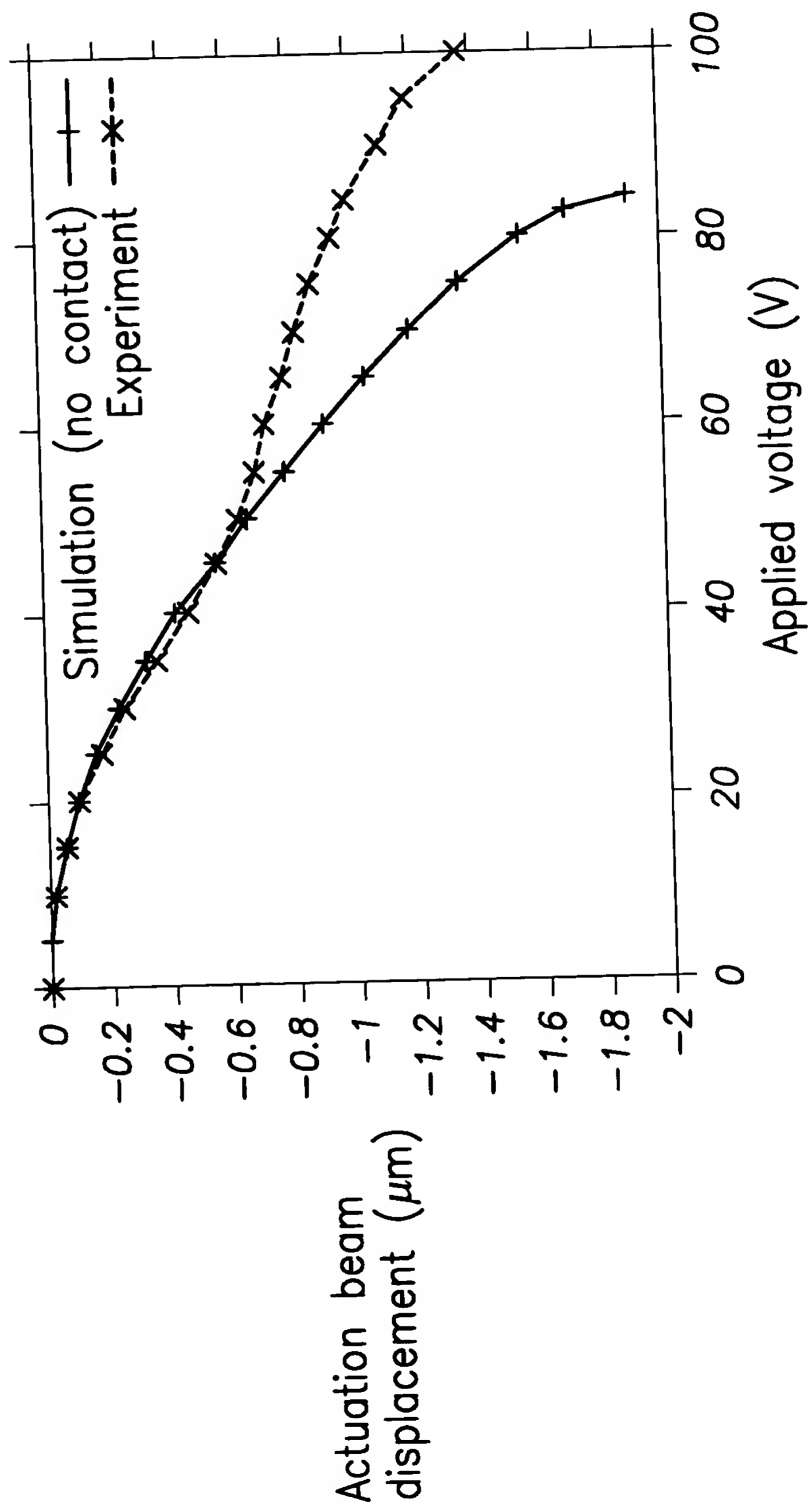


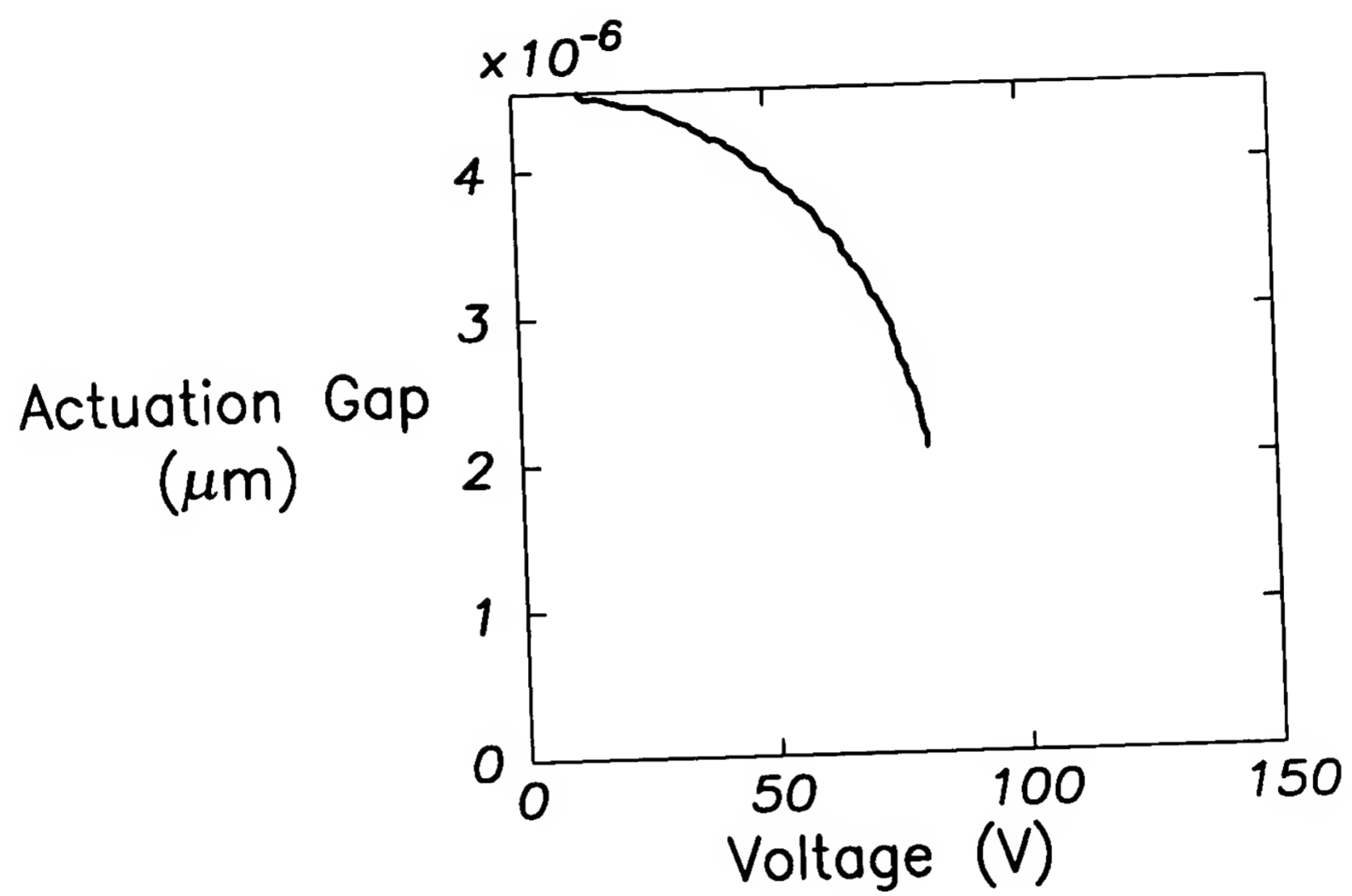
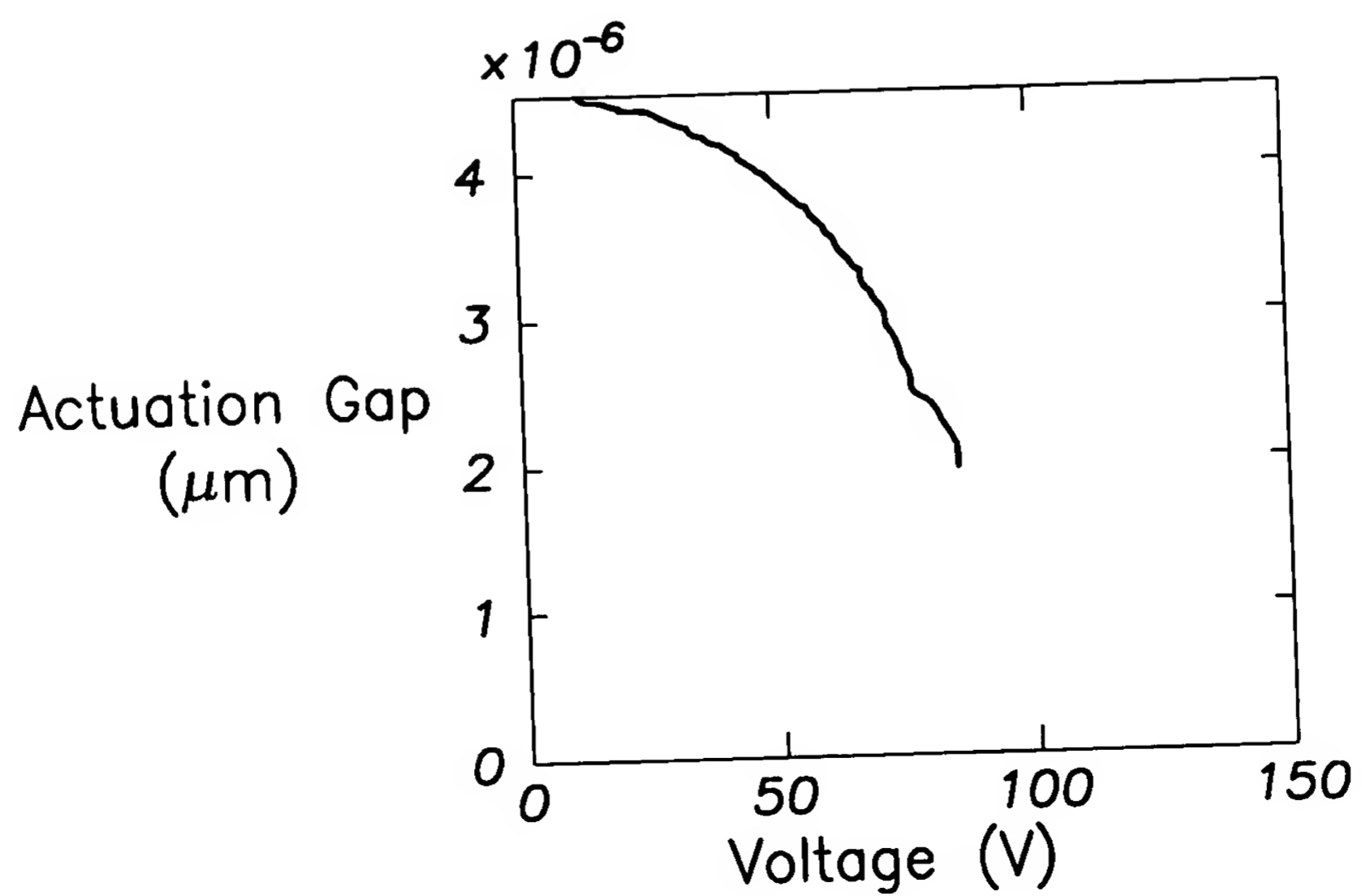
FIG. 11A**FIG. 11B**

FIG. 11C

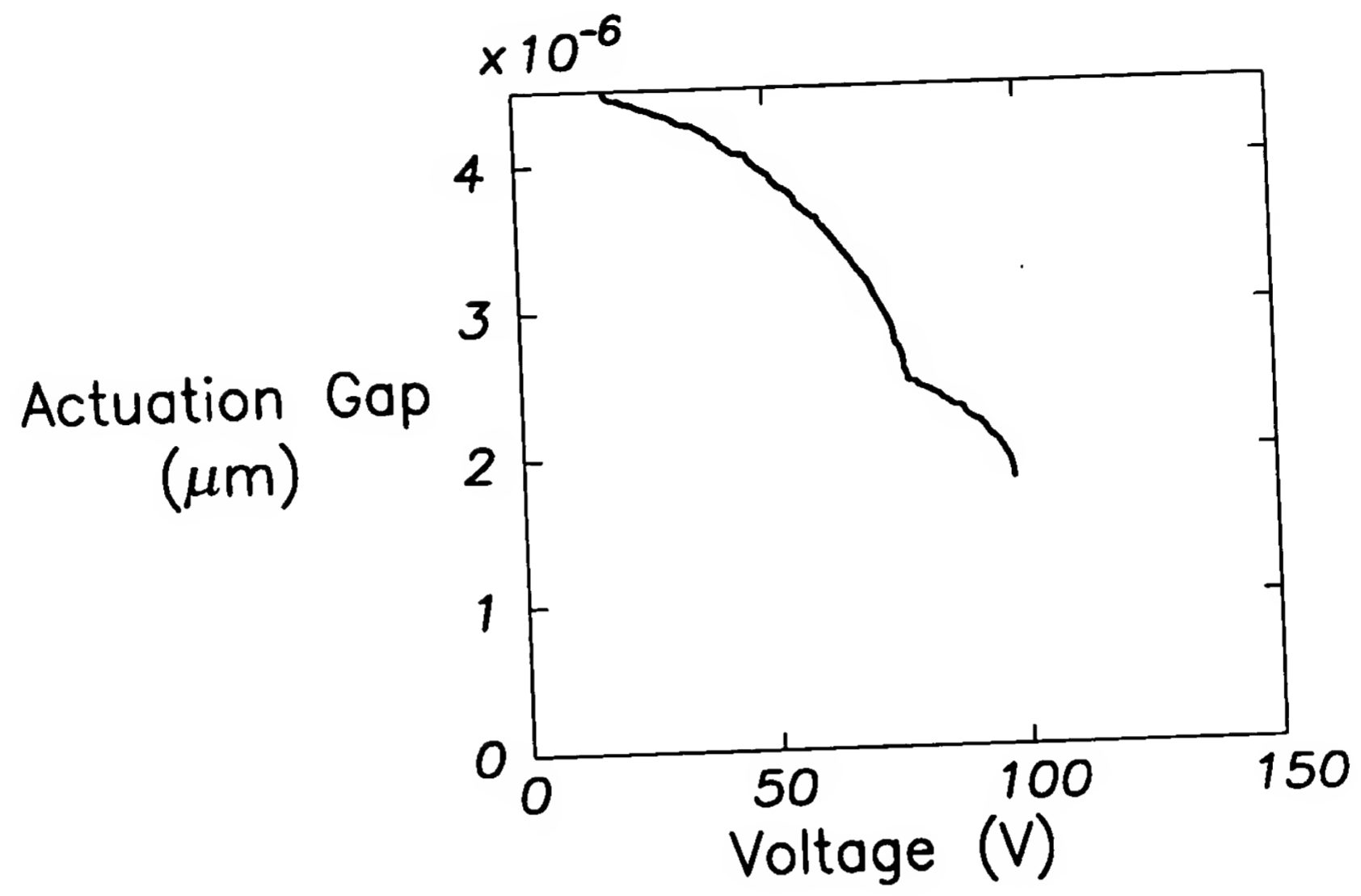


FIG. 11D

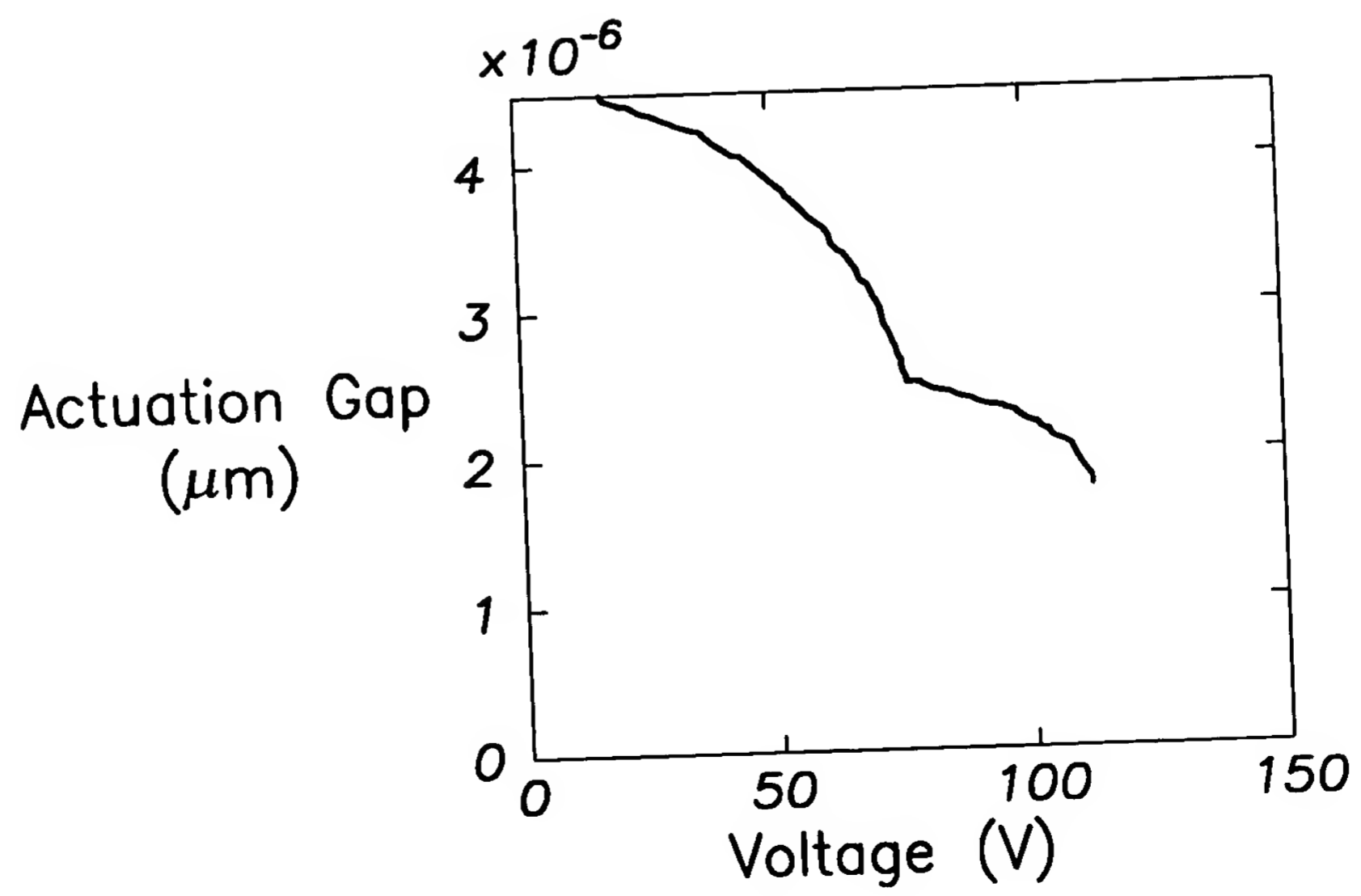


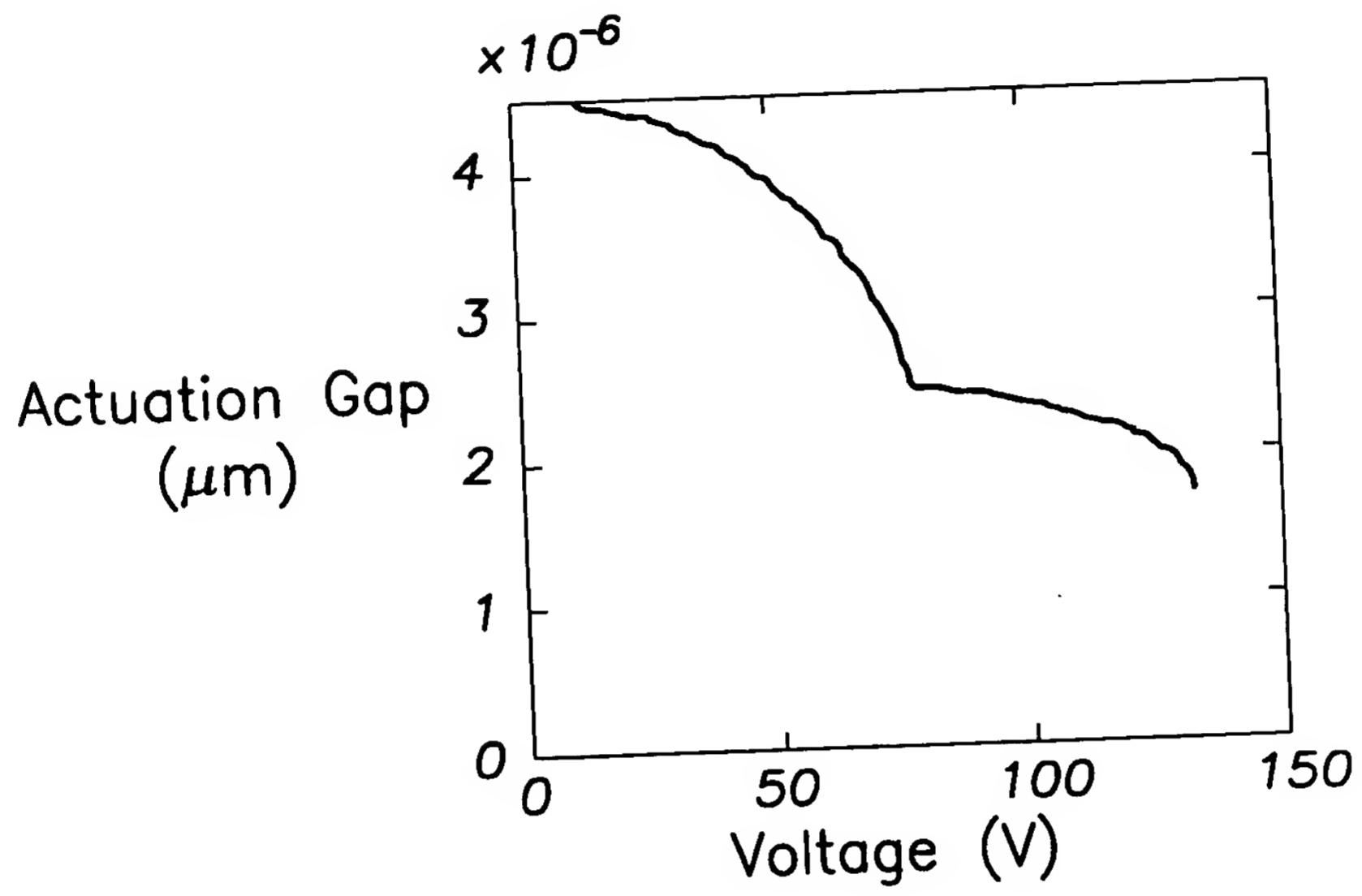
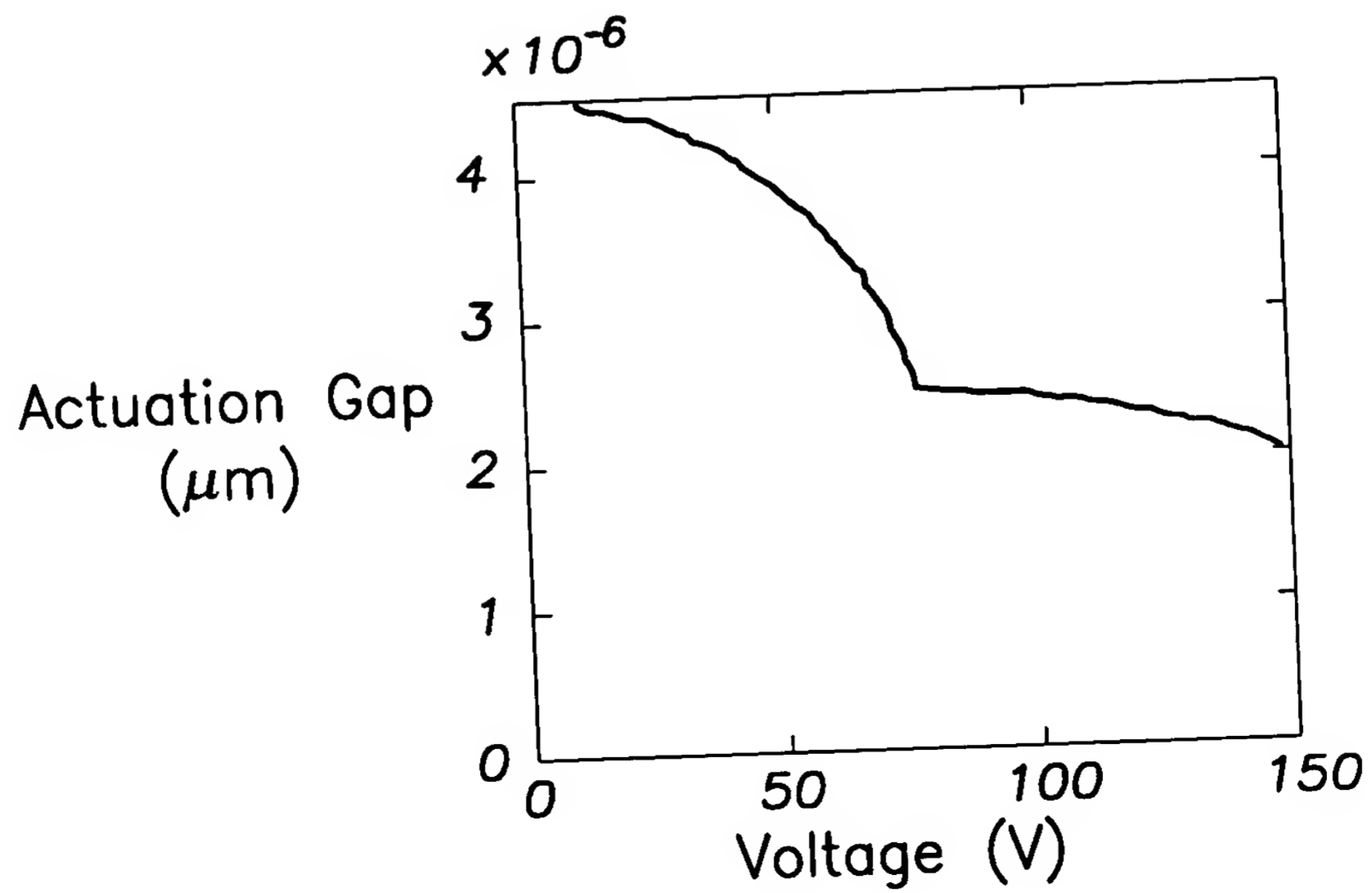
FIG. 11E*FIG. 11F*

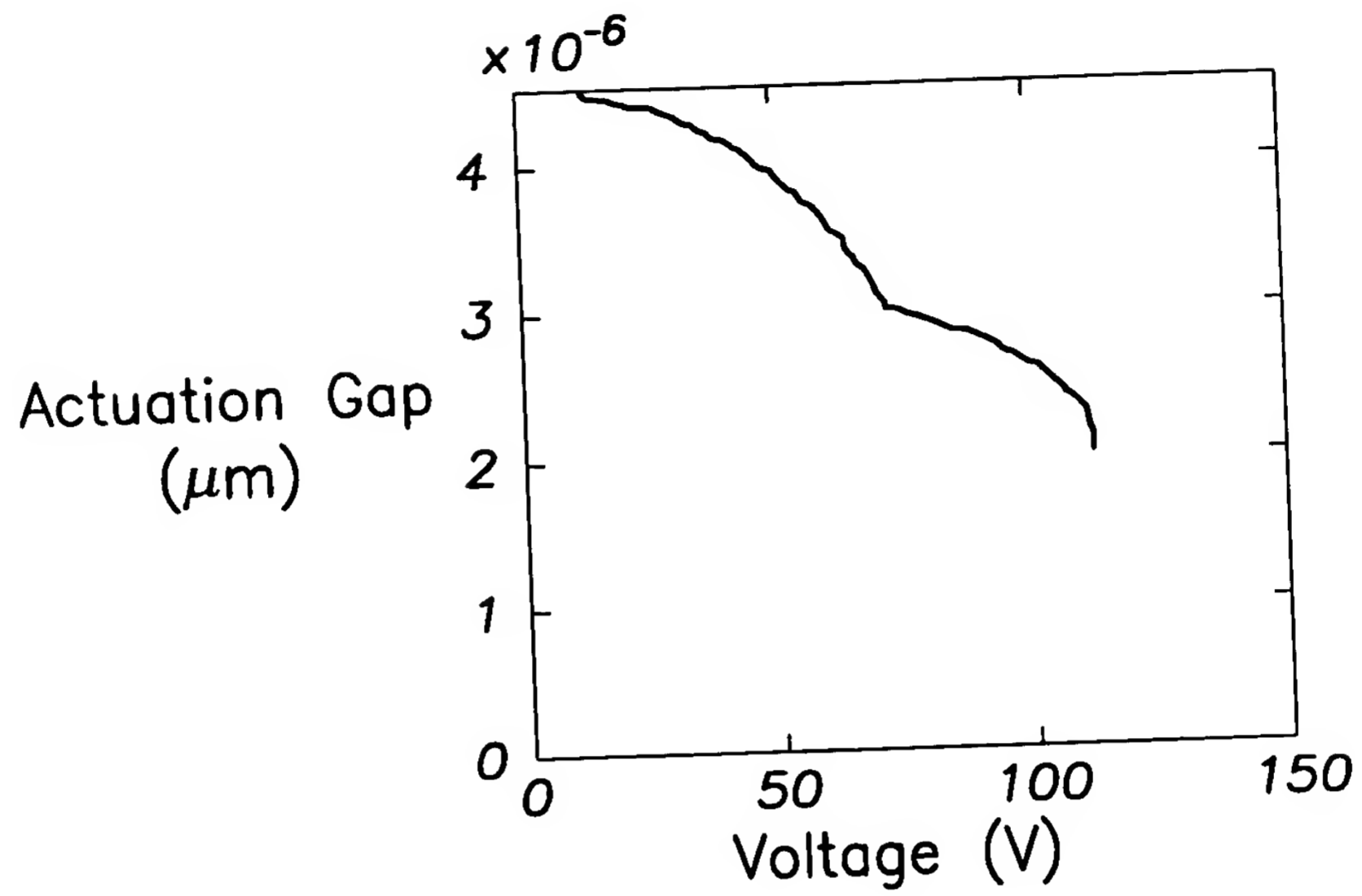
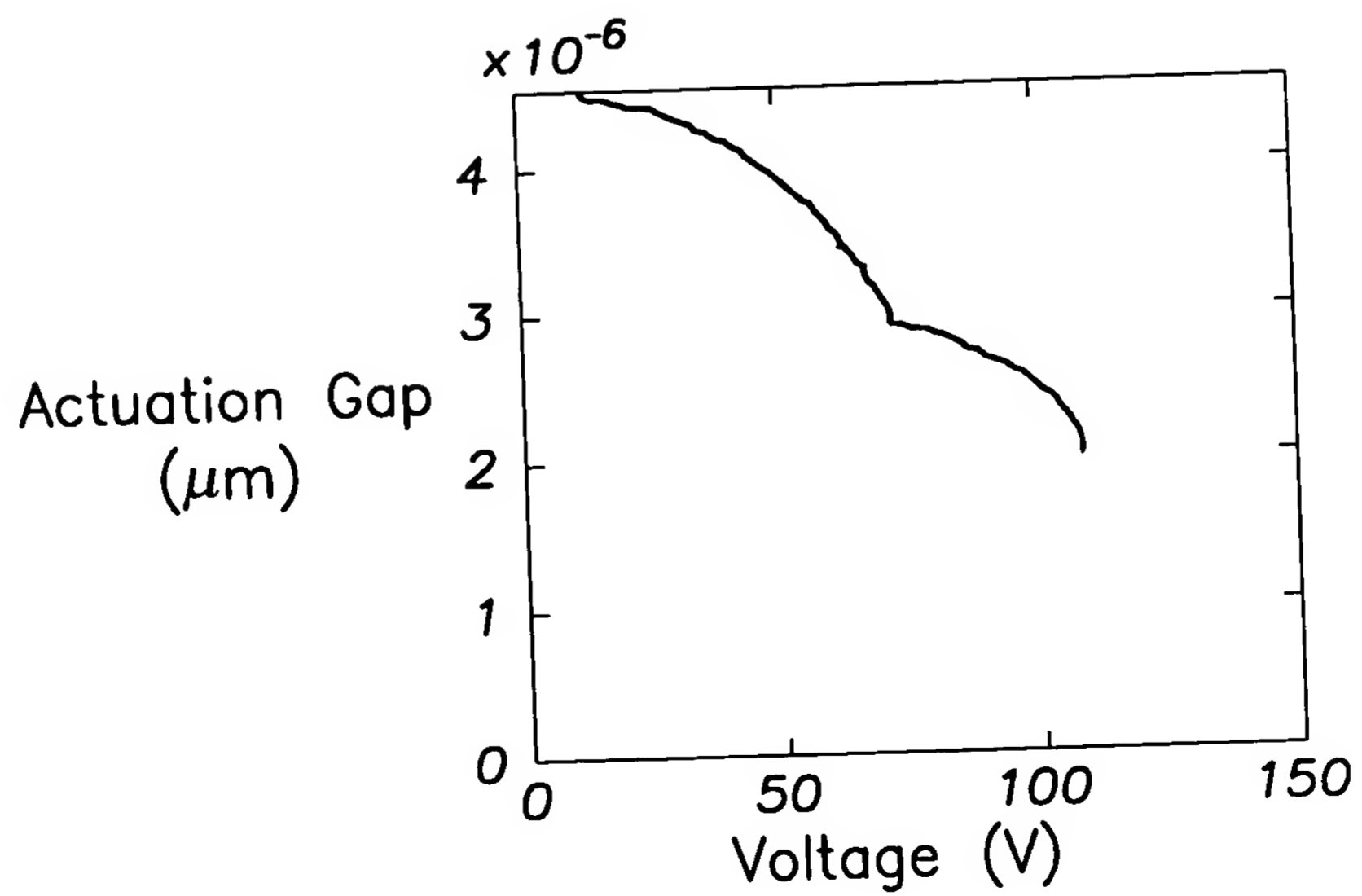
FIG. 12A**FIG. 12B**

FIG. 12C

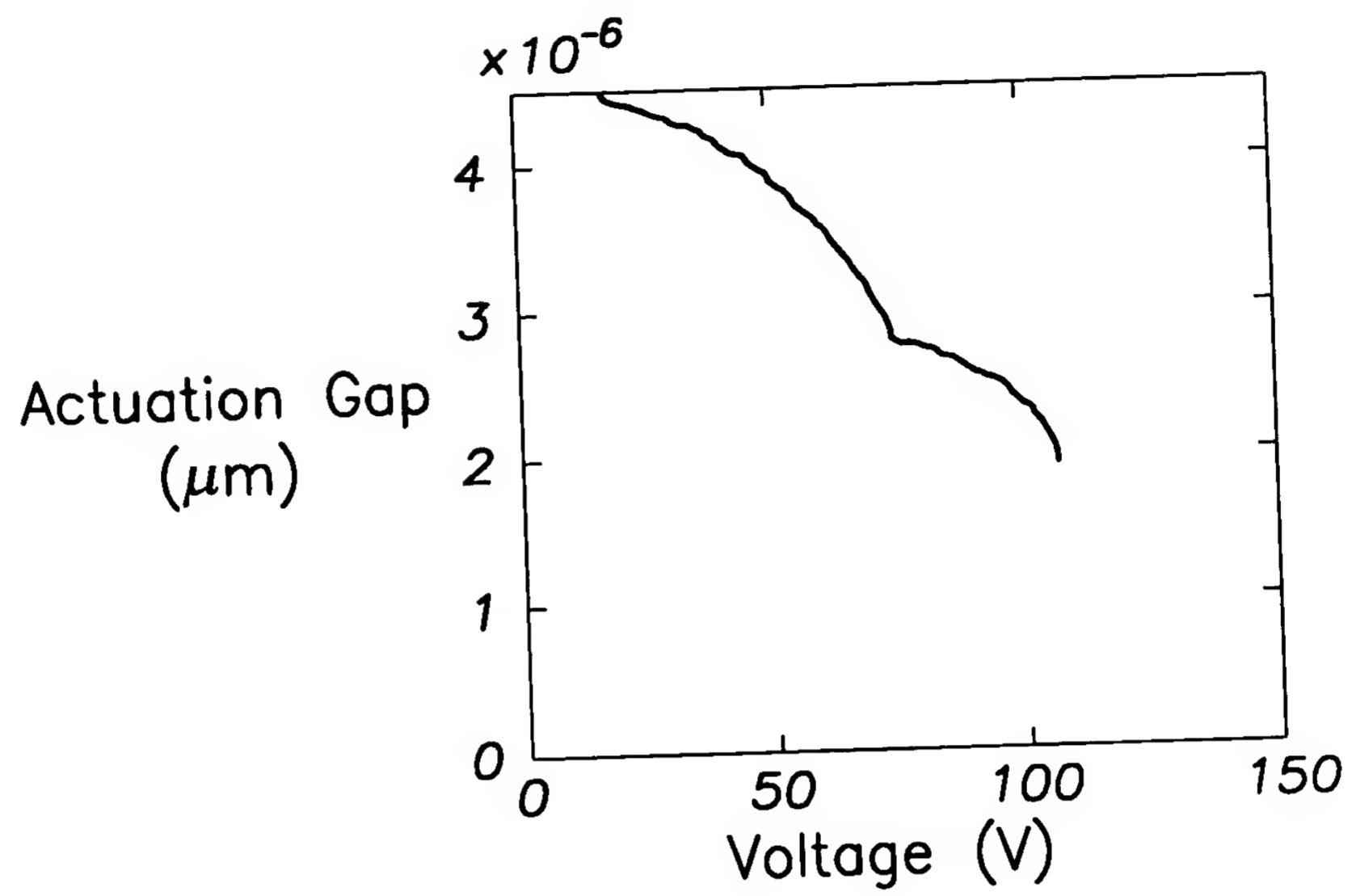


FIG. 12D

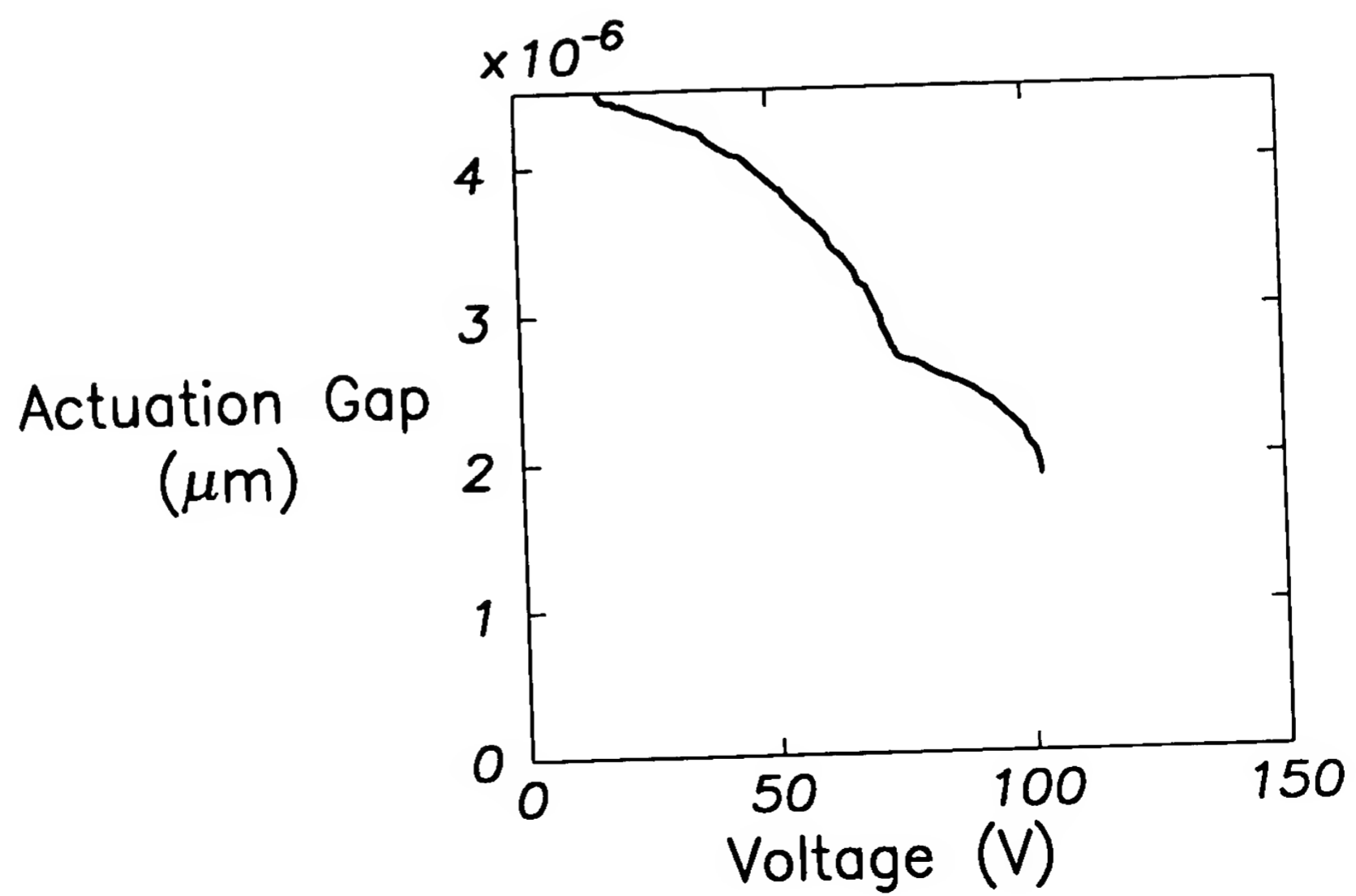


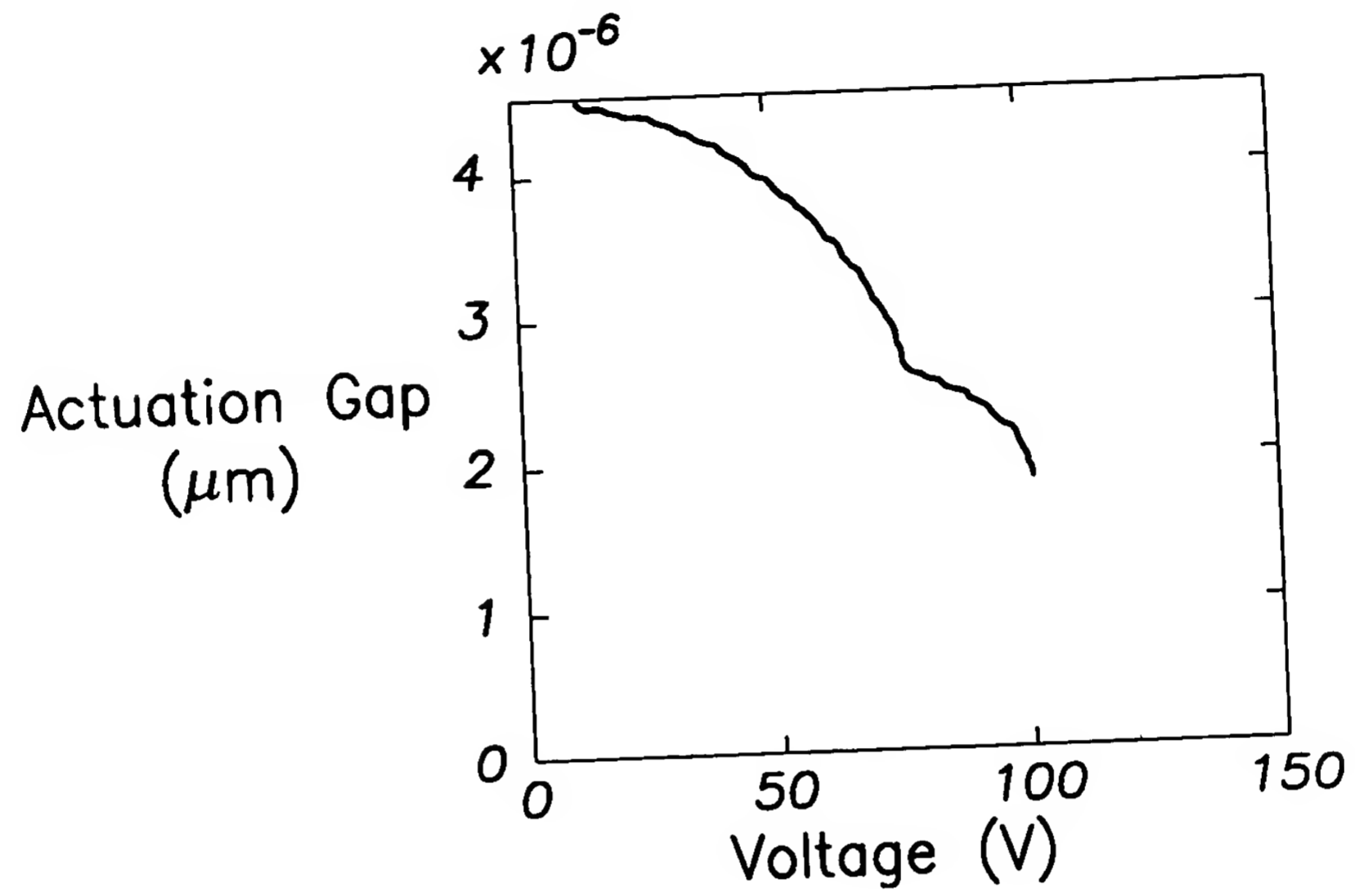
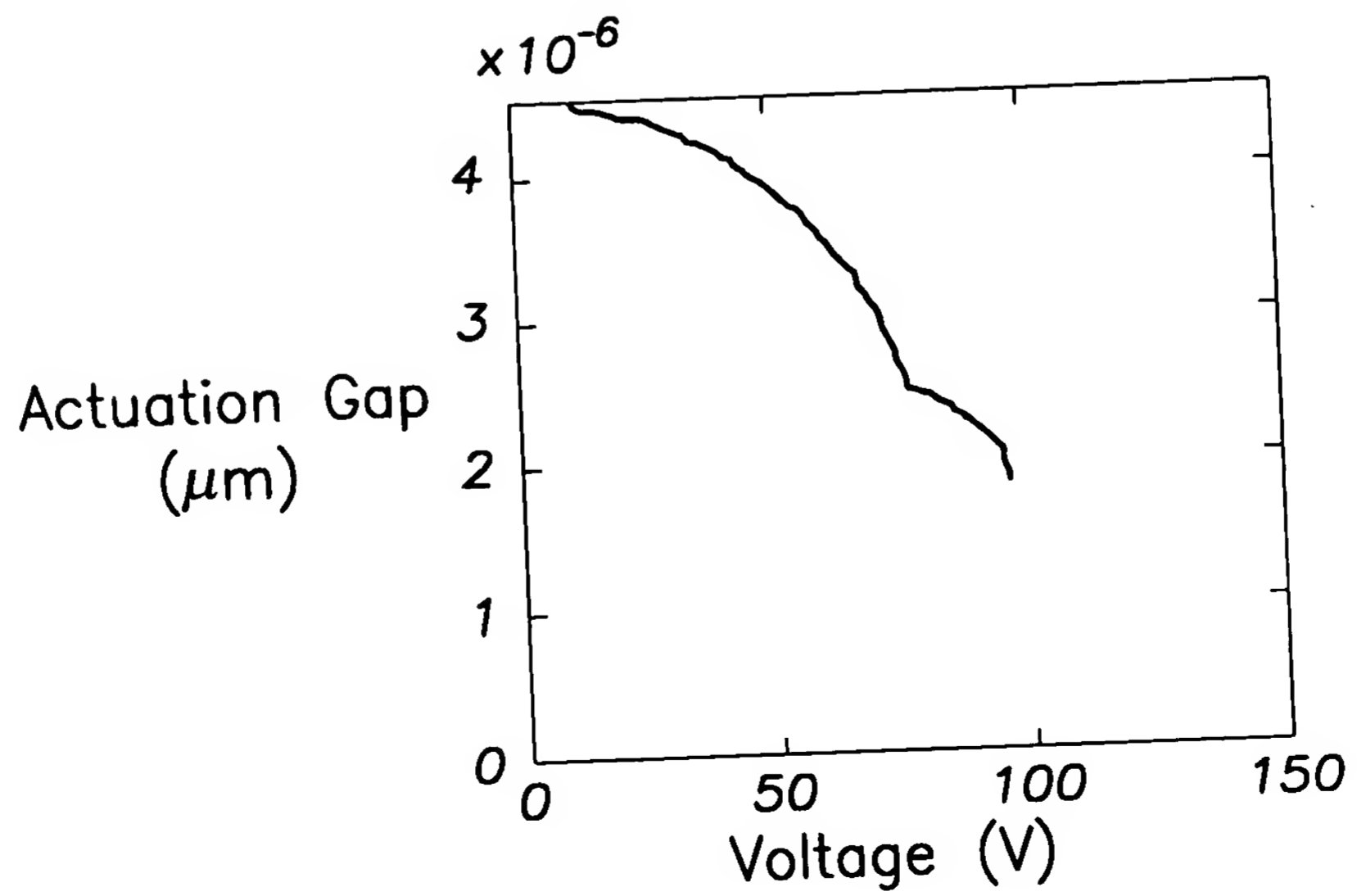
FIG. 12E*FIG. 12F*

FIG. 13A

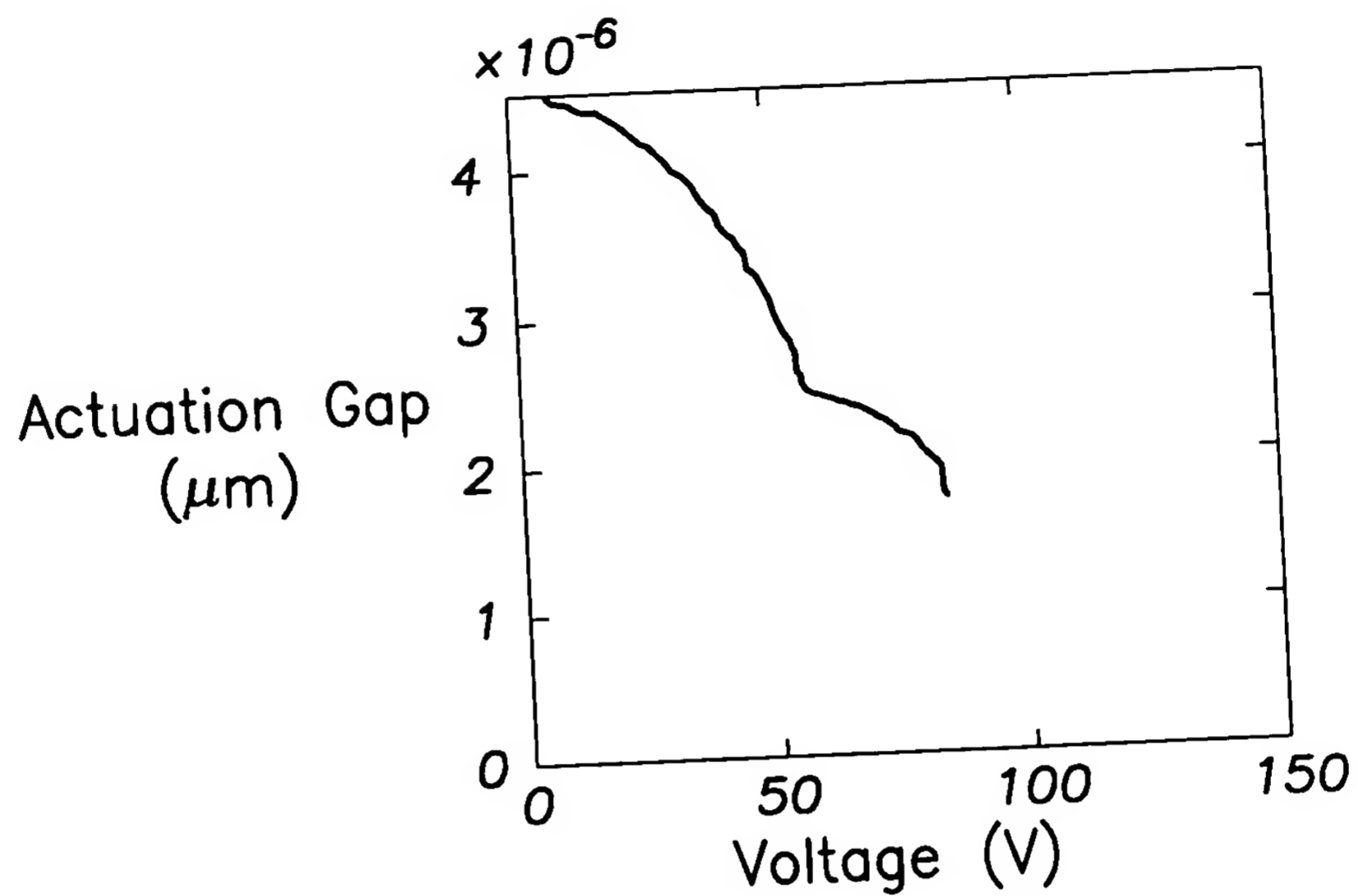


FIG. 13B

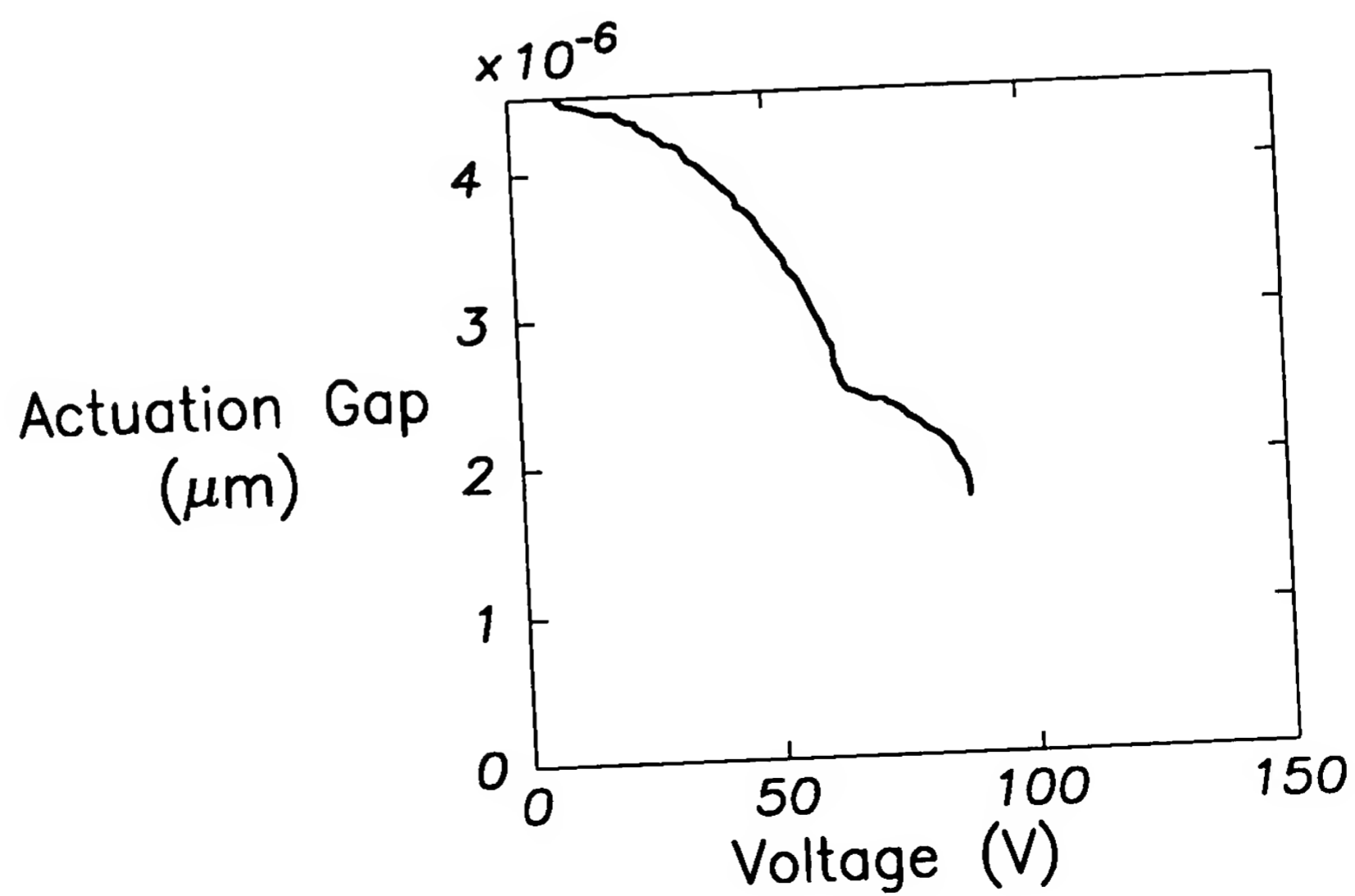


FIG. 13C

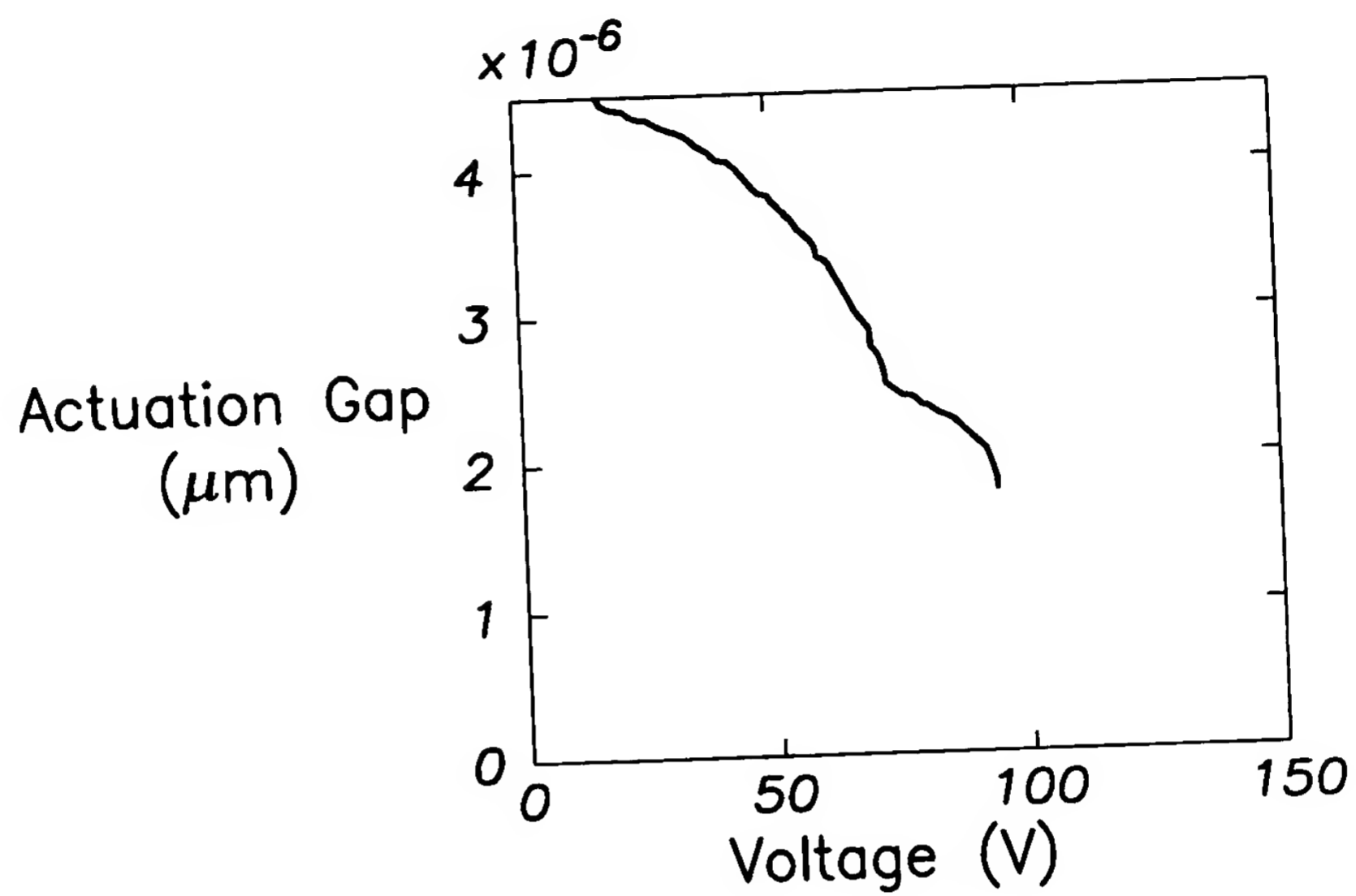


FIG. 13D

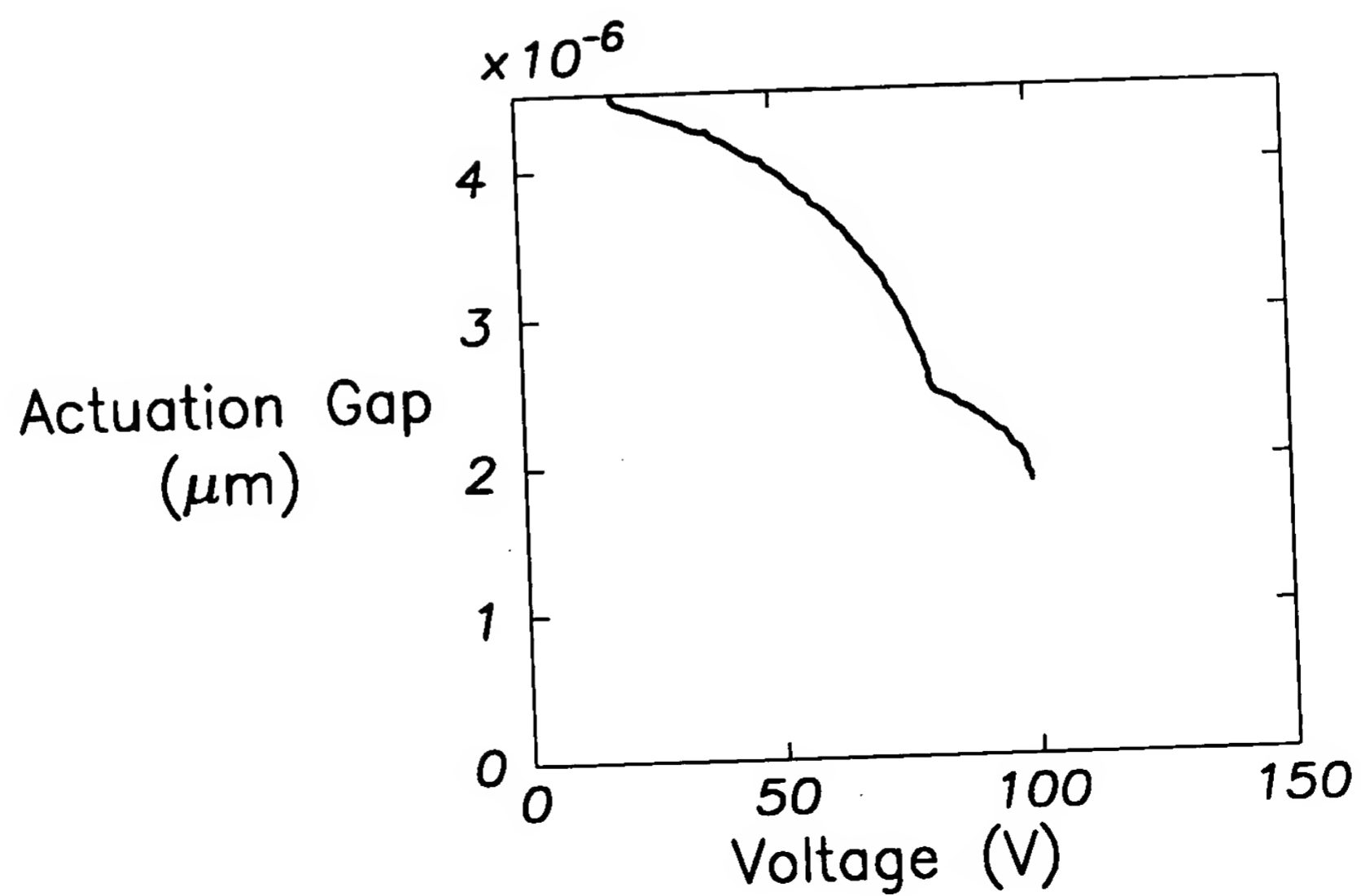


FIG. 13E

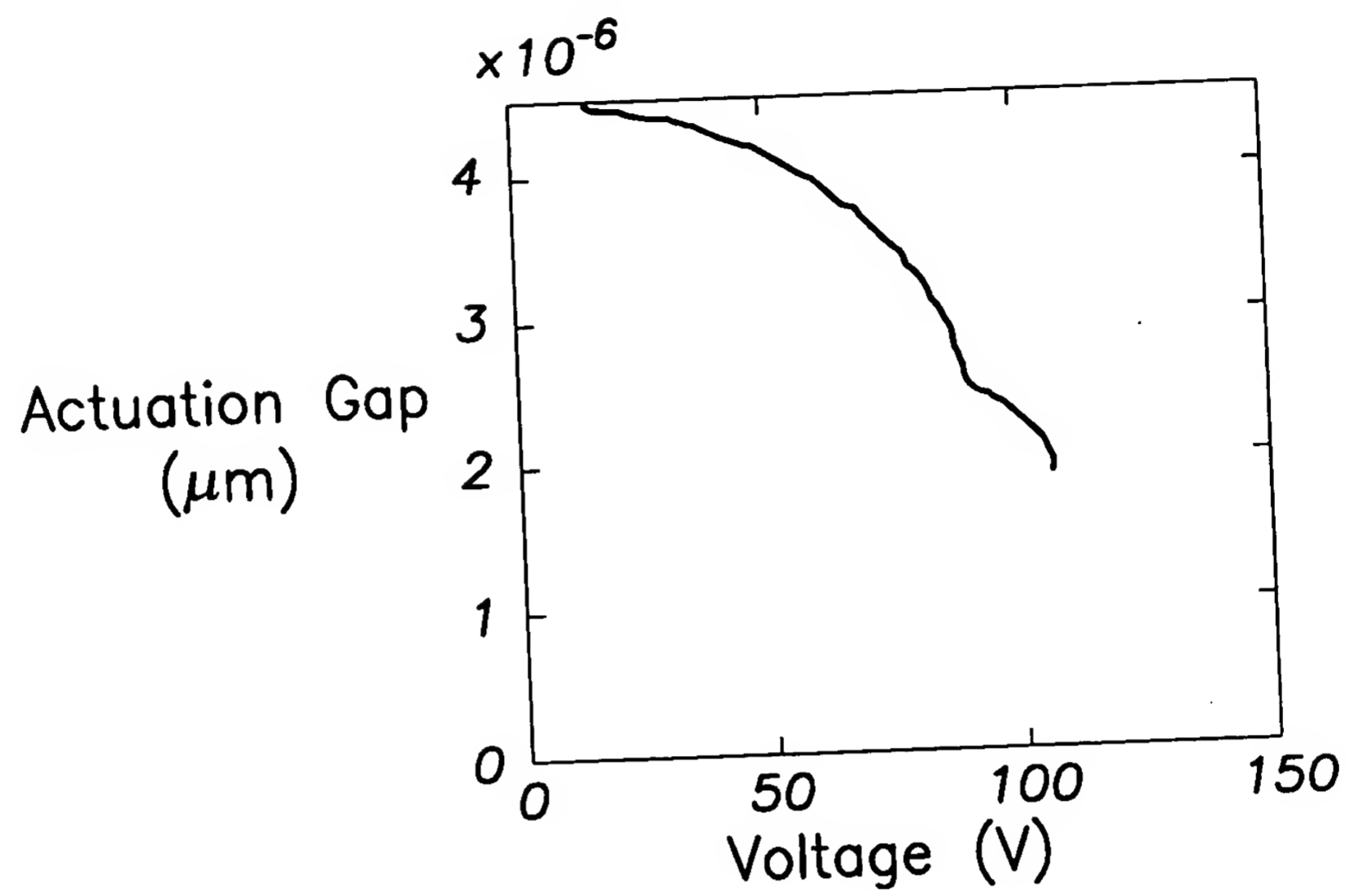
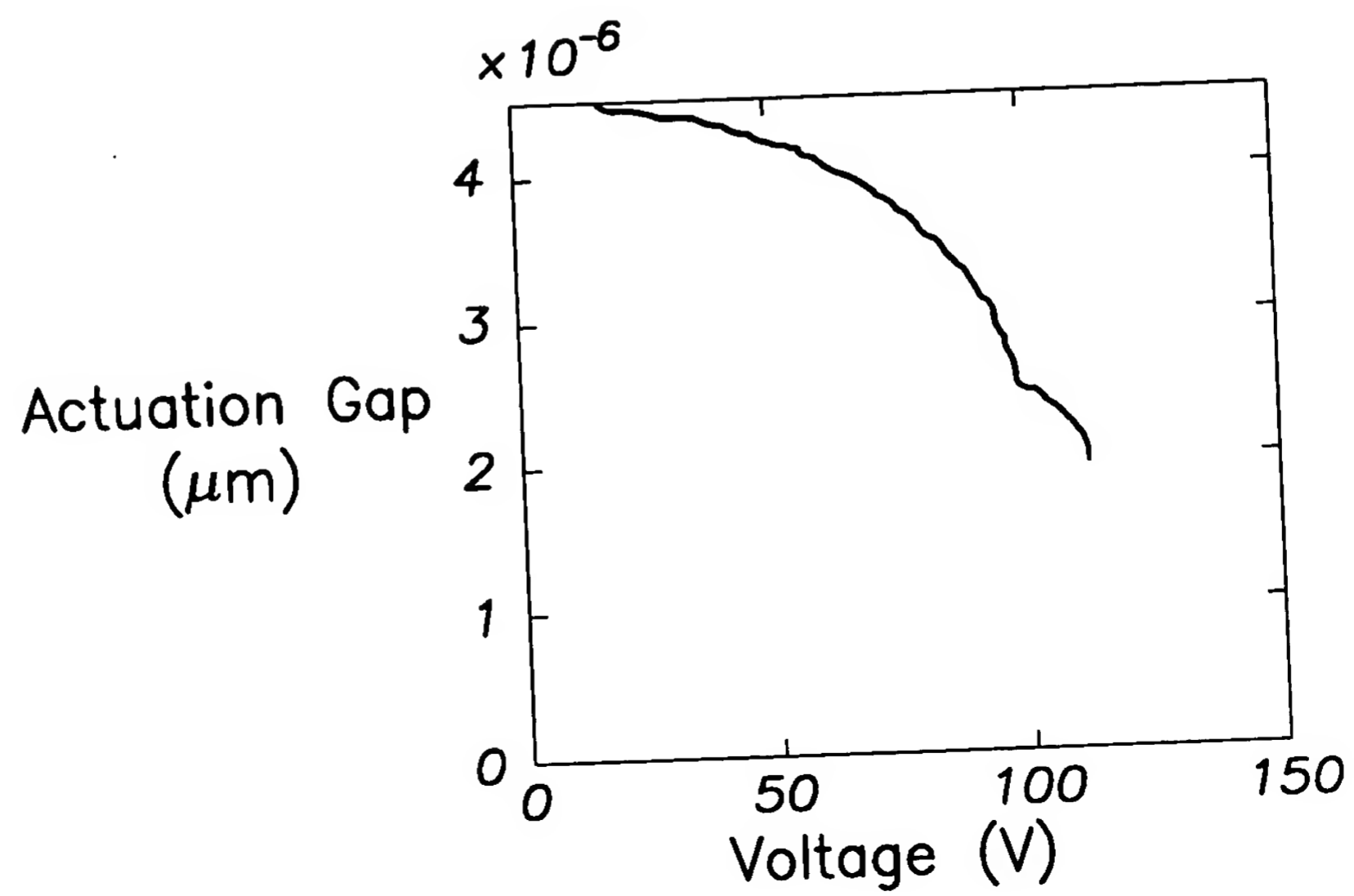


FIG. 13F



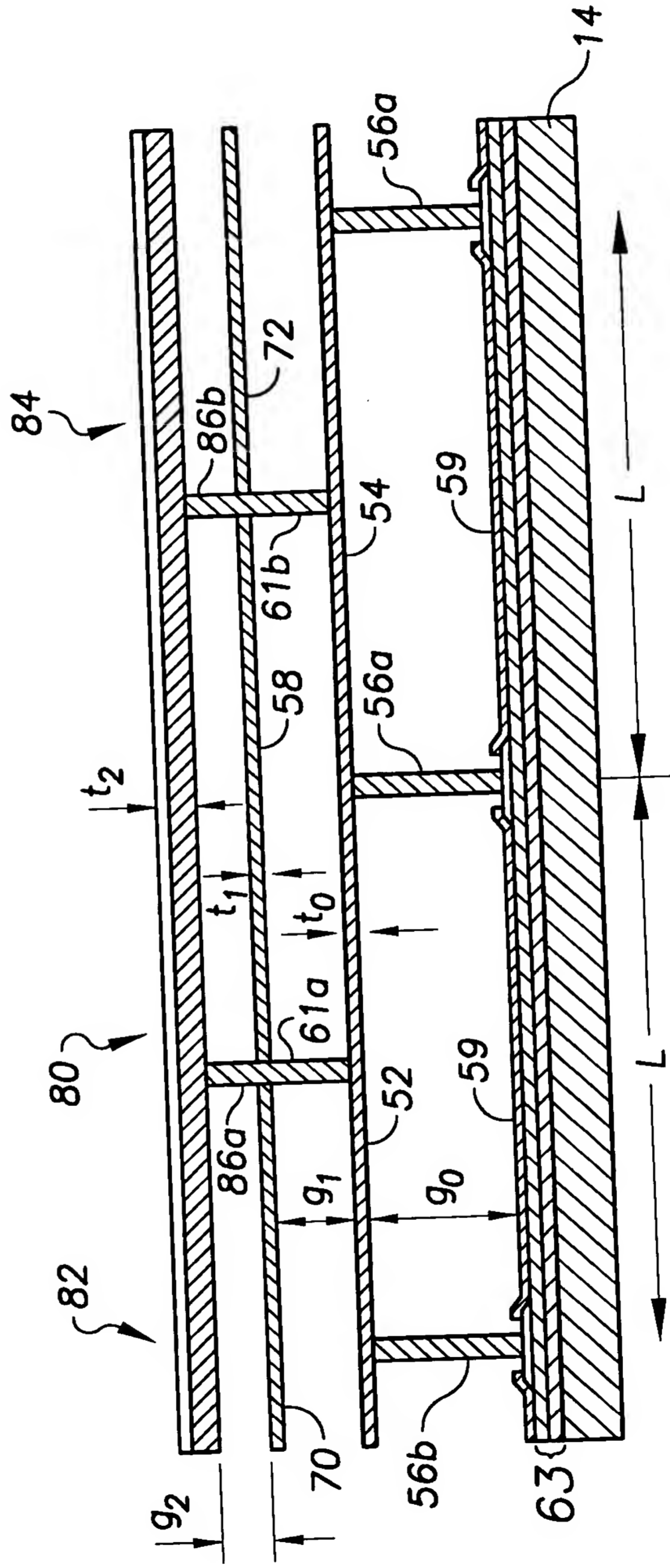


FIG. 14A

FIG. 14B

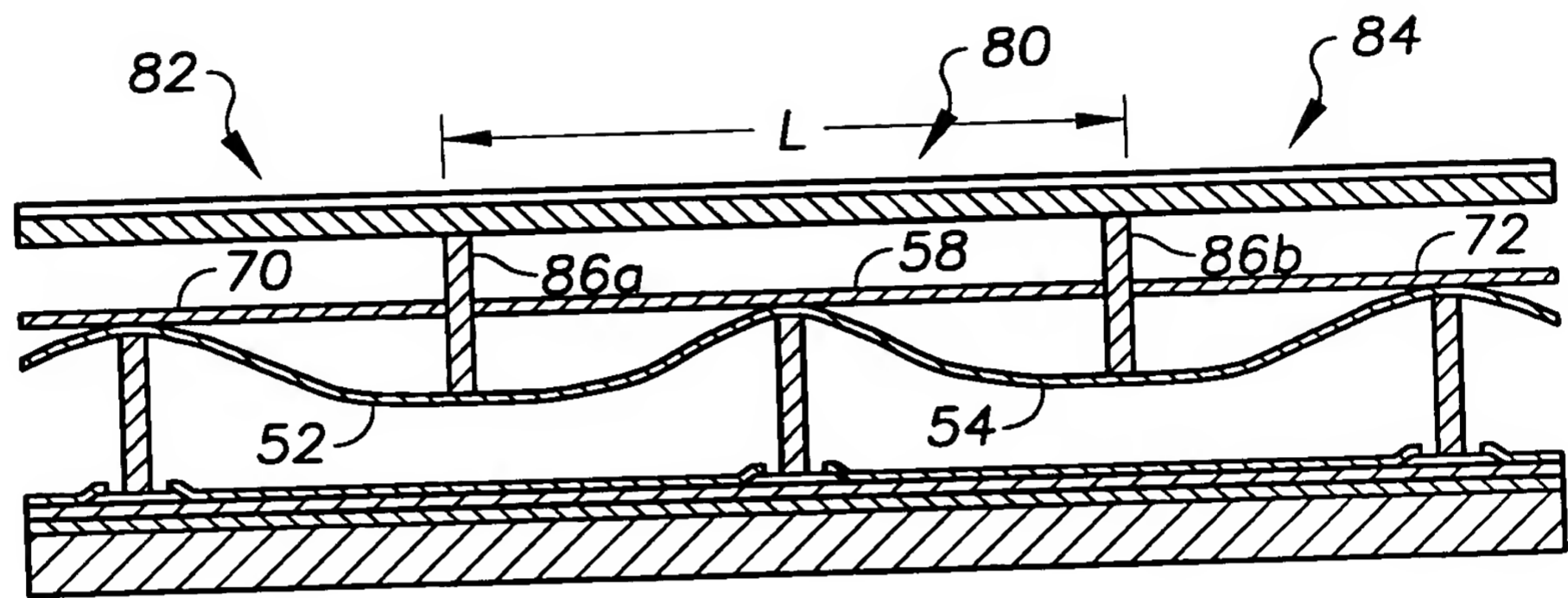
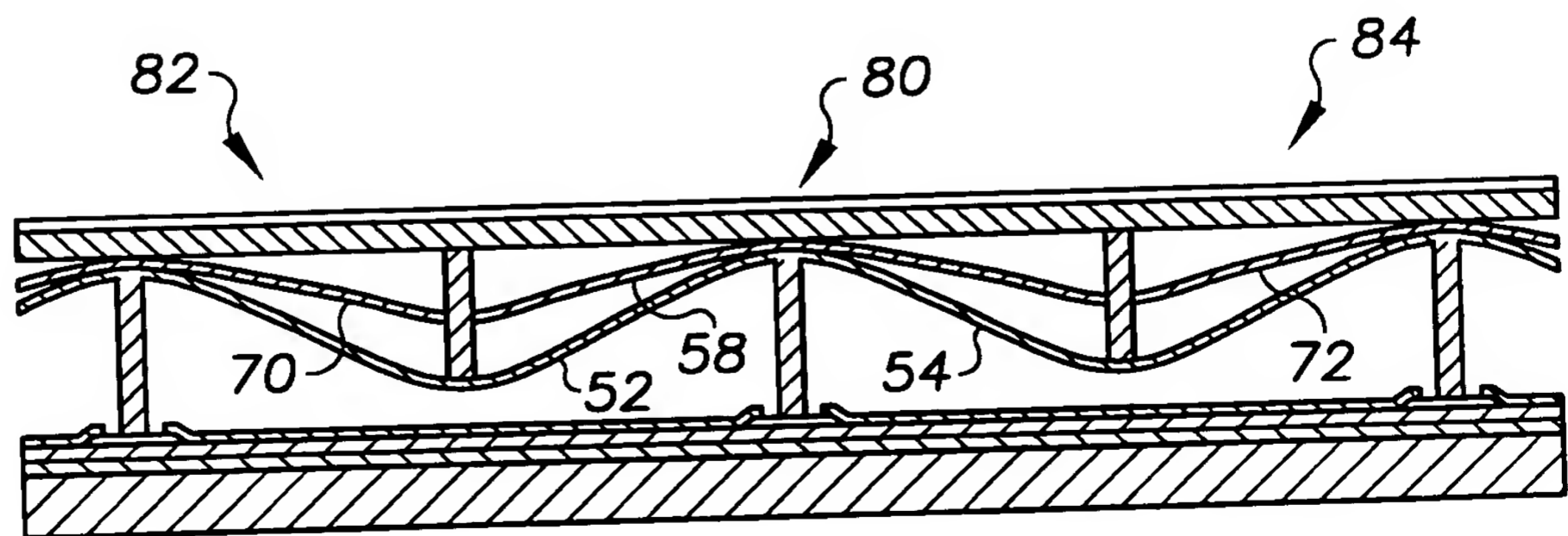


FIG. 14C



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FIG. 15A

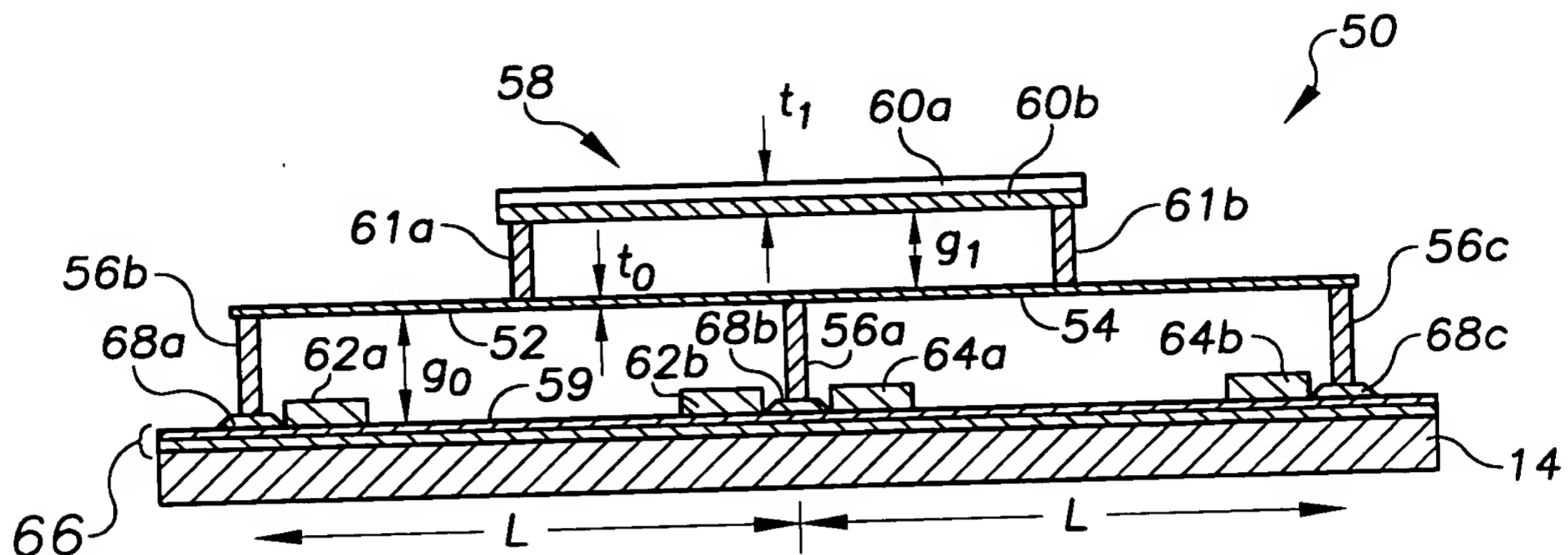
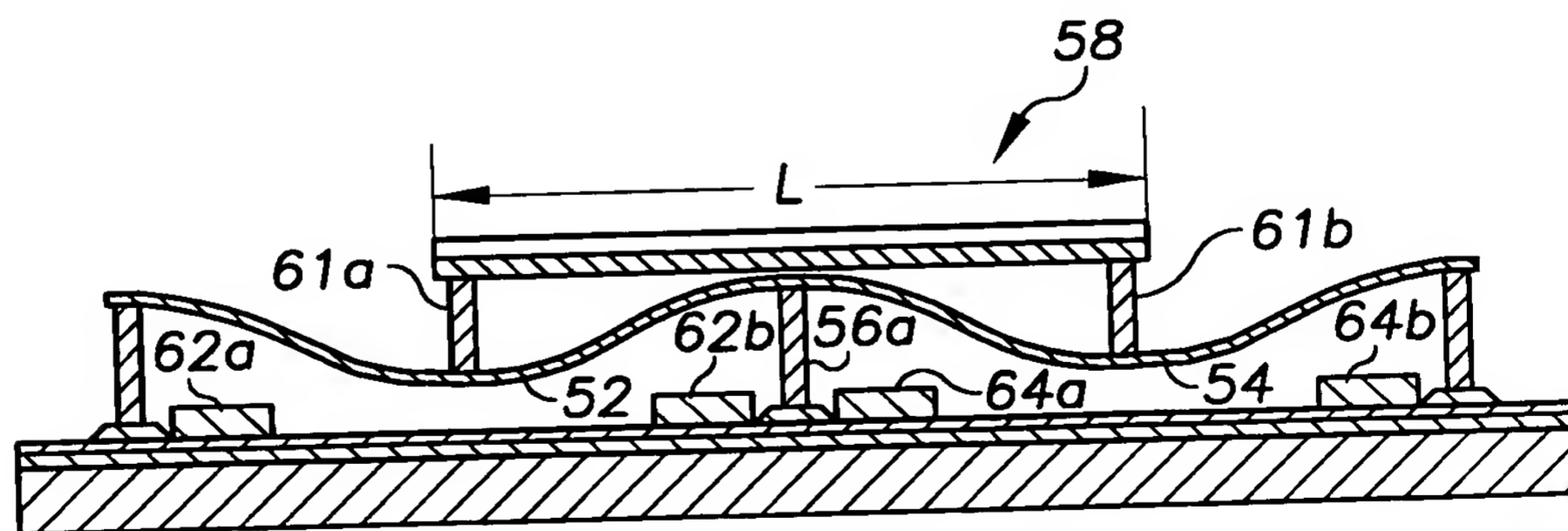


FIG. 15B



A detailed cross-sectional view of a multi-layered structure 58. The structure consists of several layers: a top layer 70, a middle layer 52, and a bottom layer 72. The middle layer 52 is supported by a series of vertical pillars 62a and 62b. The bottom layer 72 is supported by a series of vertical pillars 64a and 64b. The distance between the pillars 62a and 62b is labeled g_1 , and the distance between the pillars 64a and 64b is labeled g_0 . The thickness of the middle layer 52 is labeled t_0 , and the thickness of the top layer 70 is labeled t_1 . The total length of the structure is labeled L . The structure is shown in a perspective view, with the layers and pillars extending into the background.

A cross-sectional view of a device. A top layer 70 is shown above a wavy layer 52. A horizontal double-headed arrow labeled L indicates a length. Below the wavy layer 52 is another wavy layer 54. A base layer 72 is at the bottom. Between the wavy layers 52 and 54 are vertical supports 62a and 62b. Below the base layer 72 are blocks 64a and 64b. A label 60 points to the top layer 70.

FIG. 17A

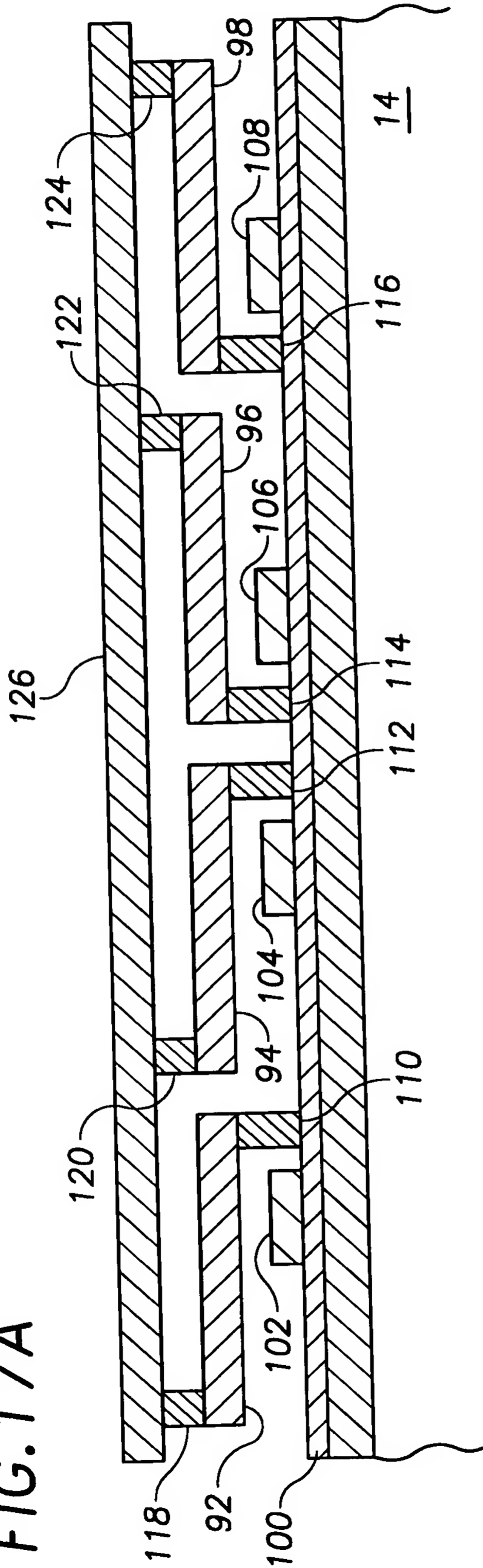


FIG. 17B

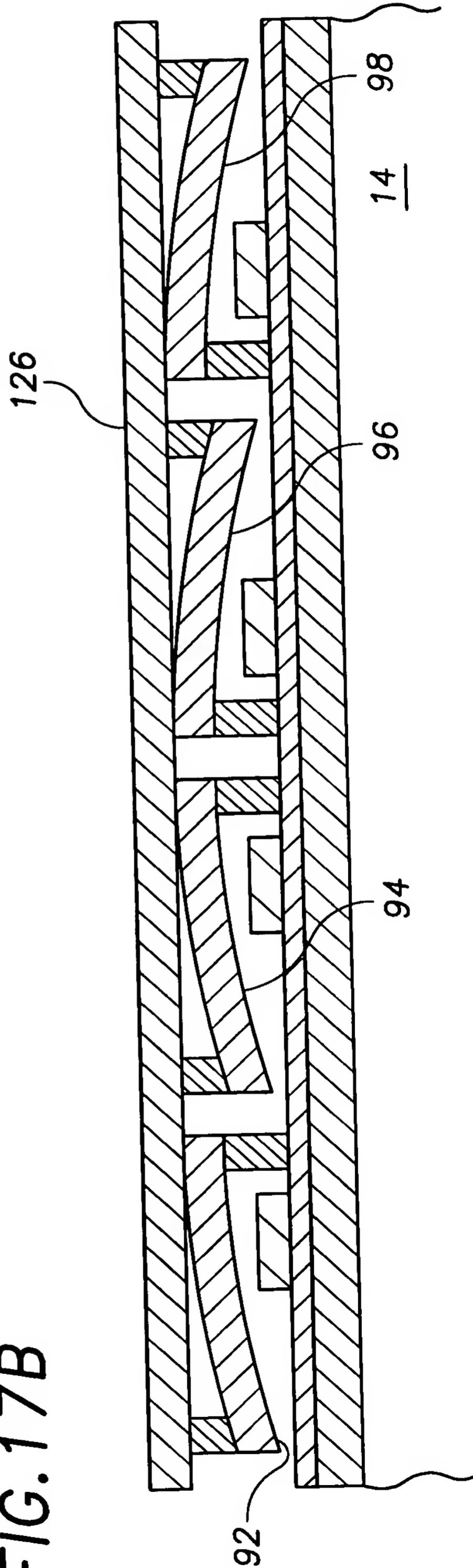


FIG. 18A

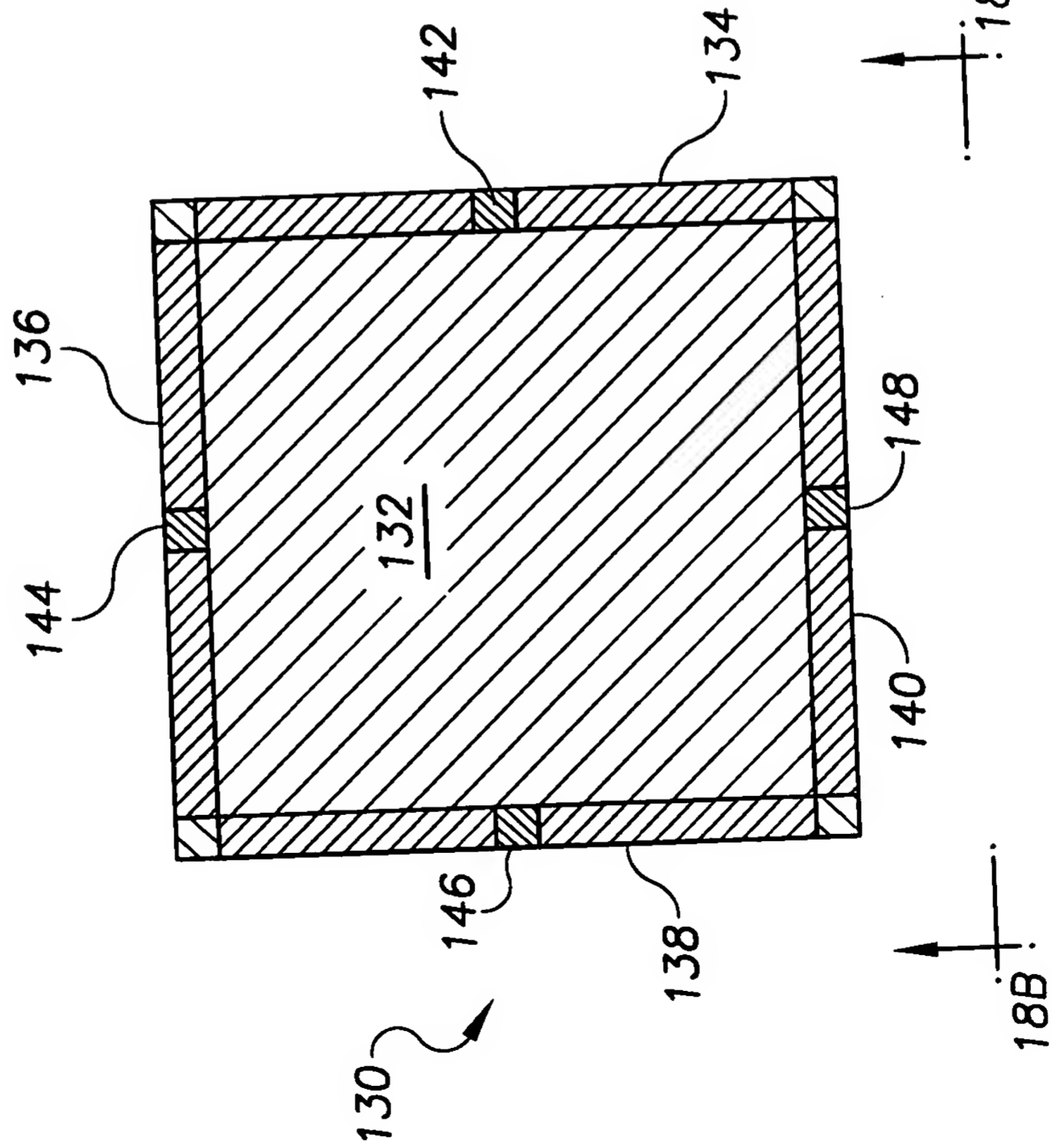
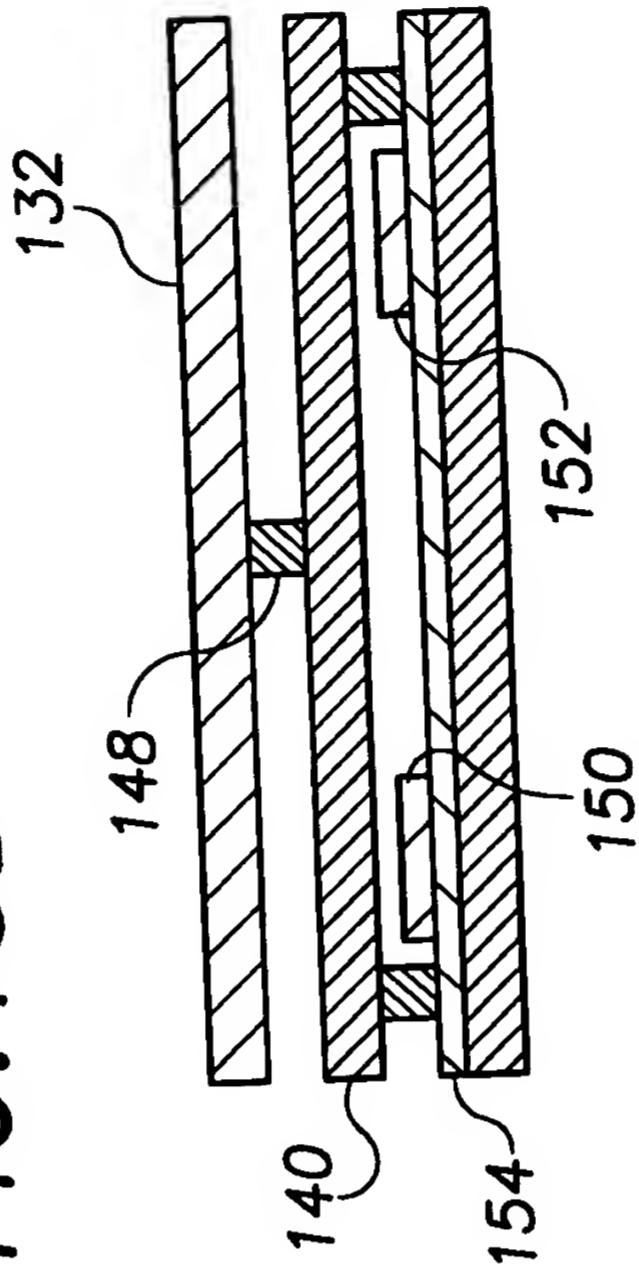


FIG. 18B



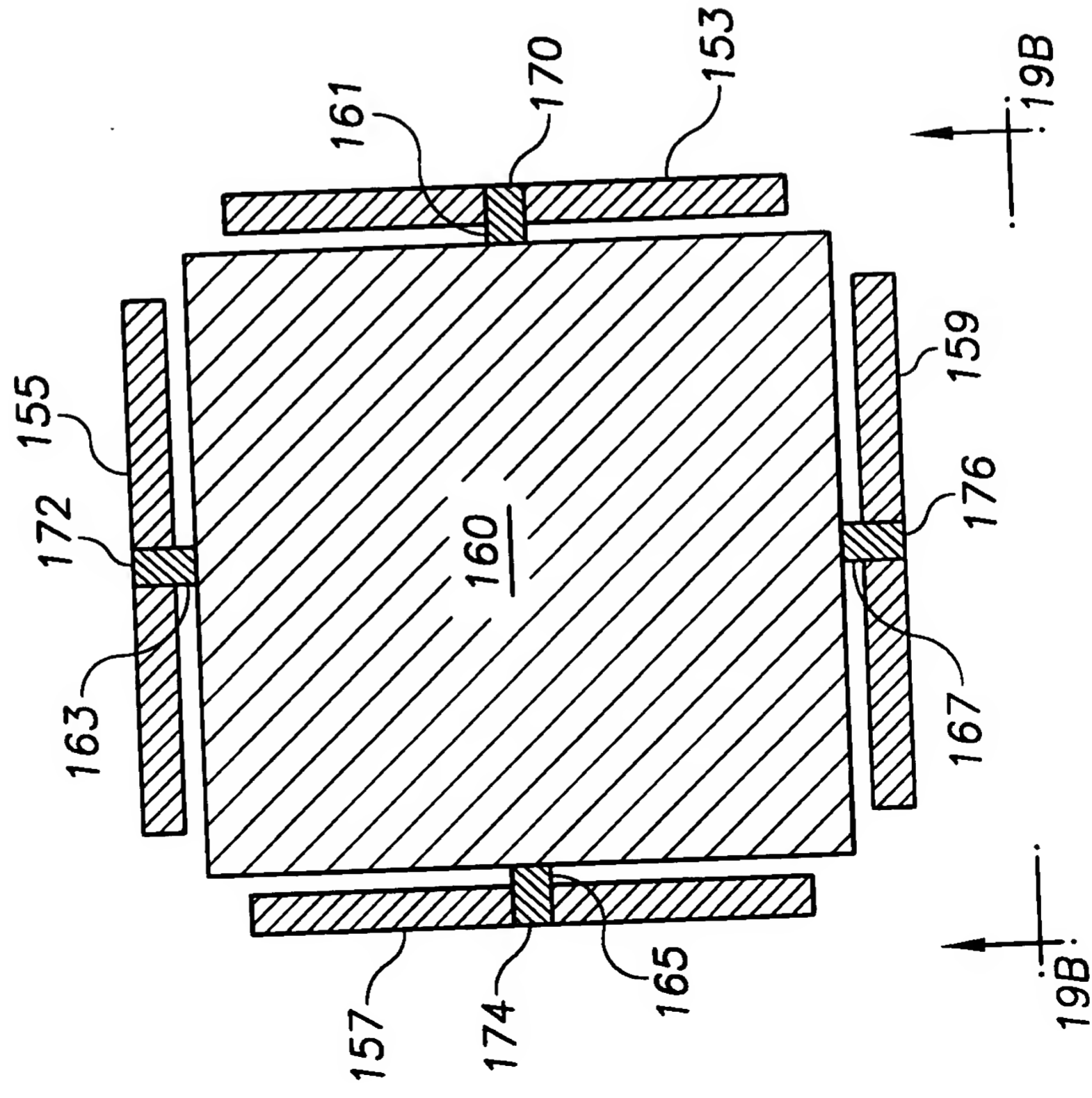


FIG. 19B

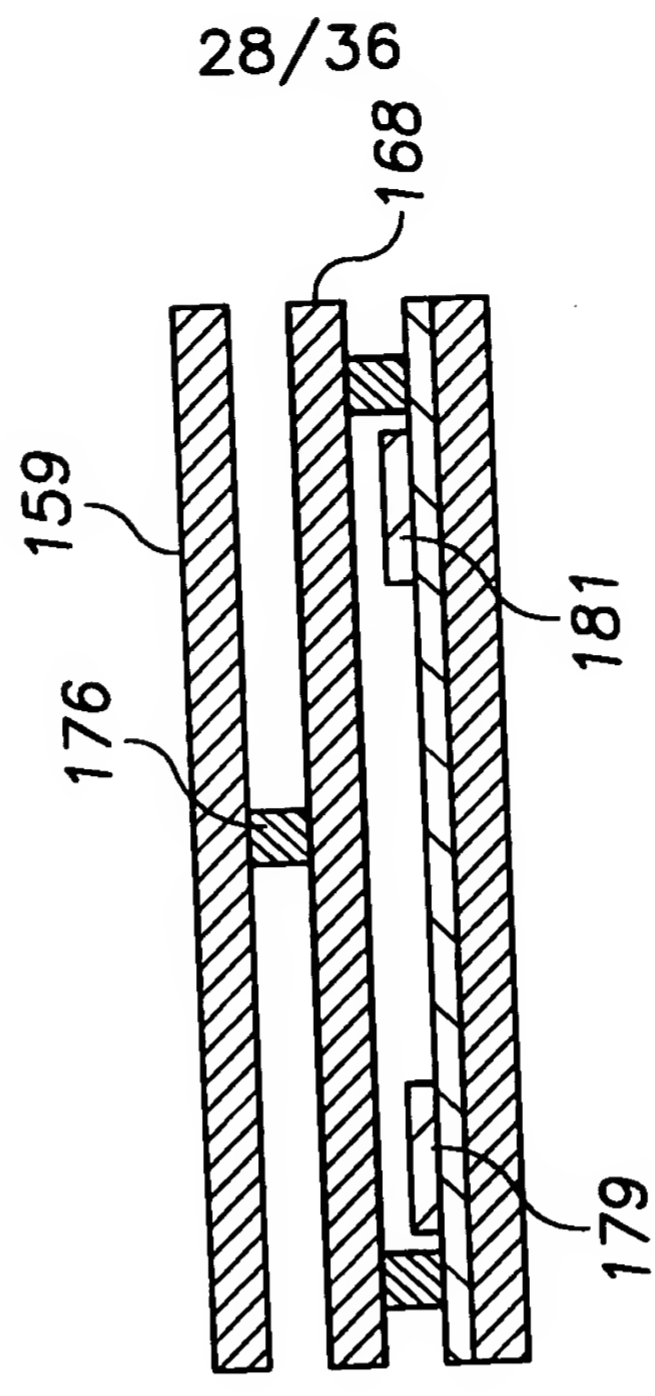


FIG. 20

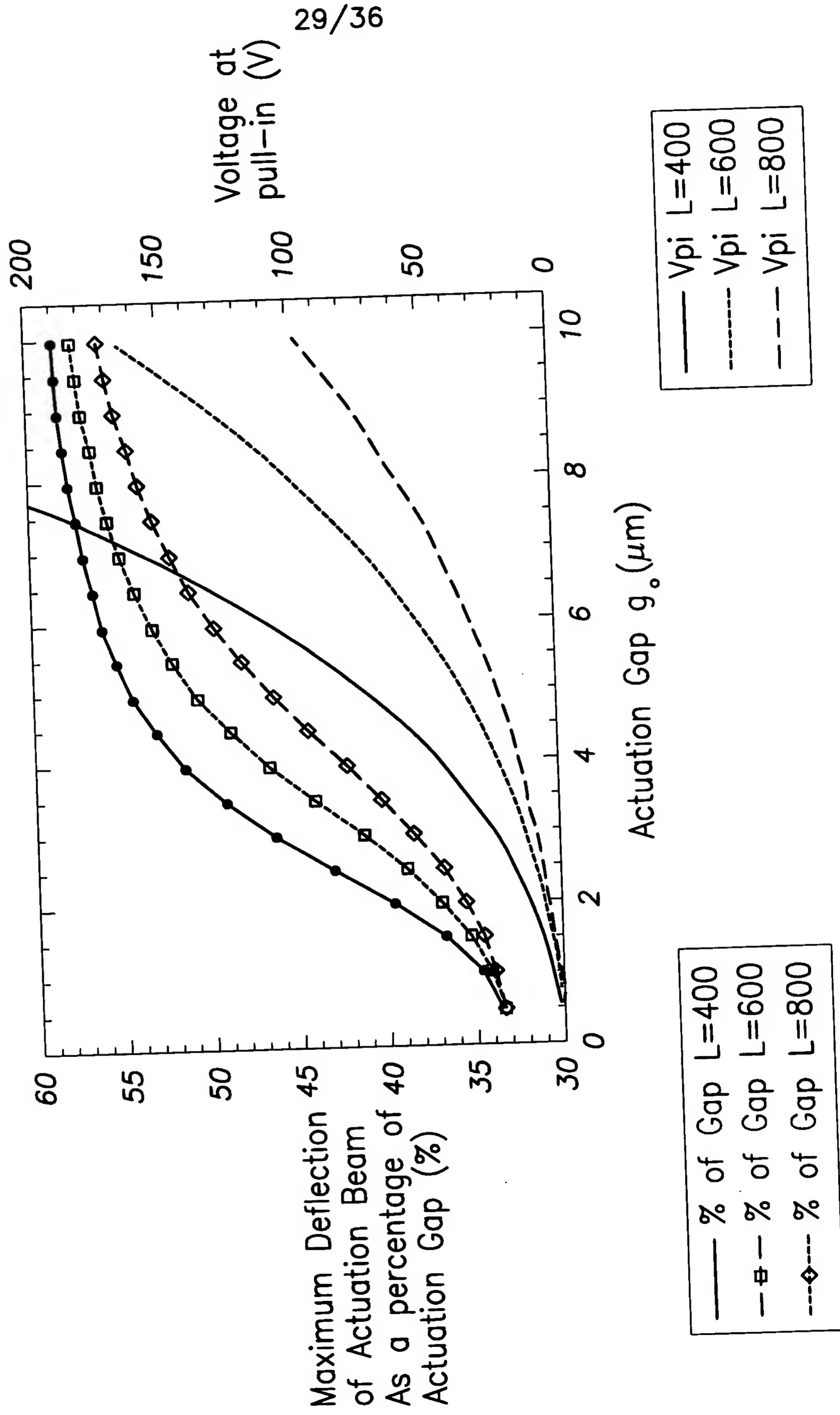


FIG. 22

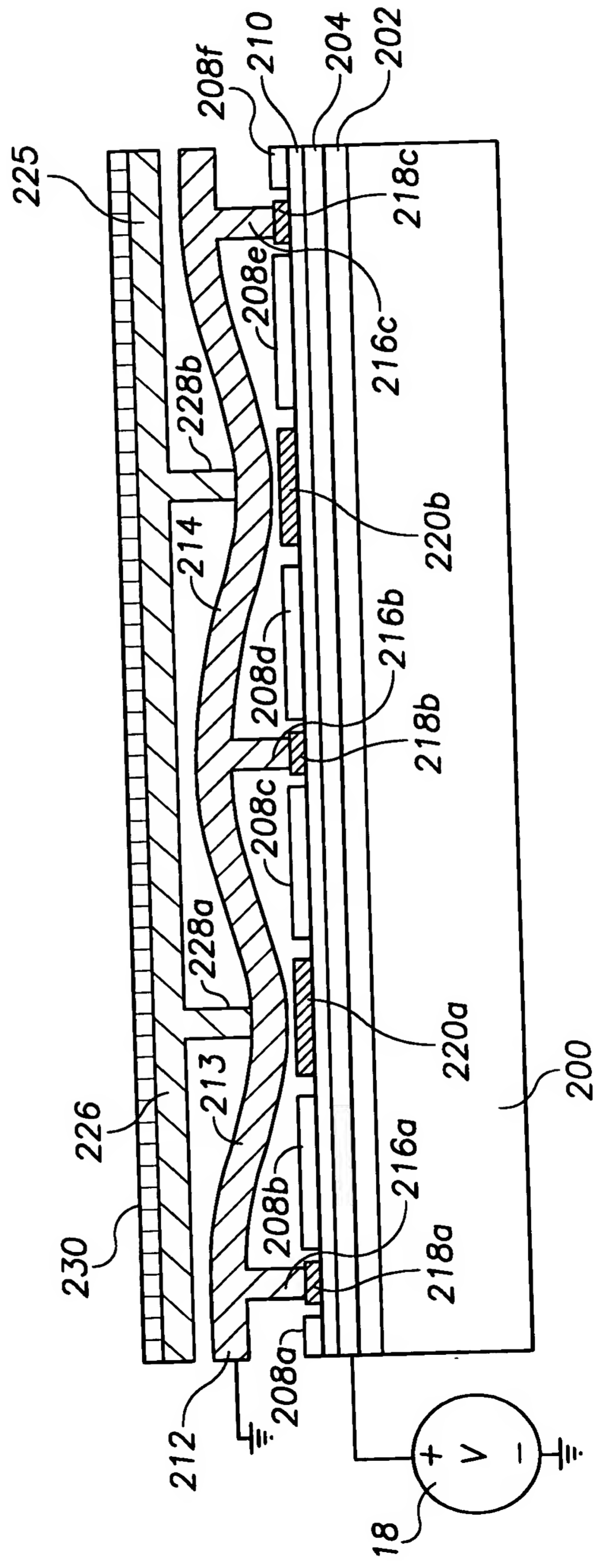


FIG. 23A

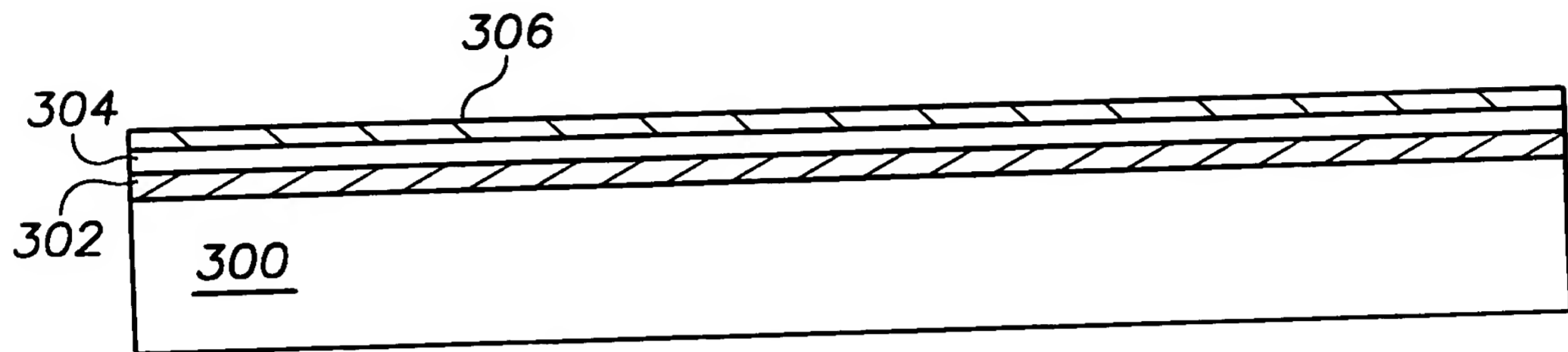


FIG. 23B

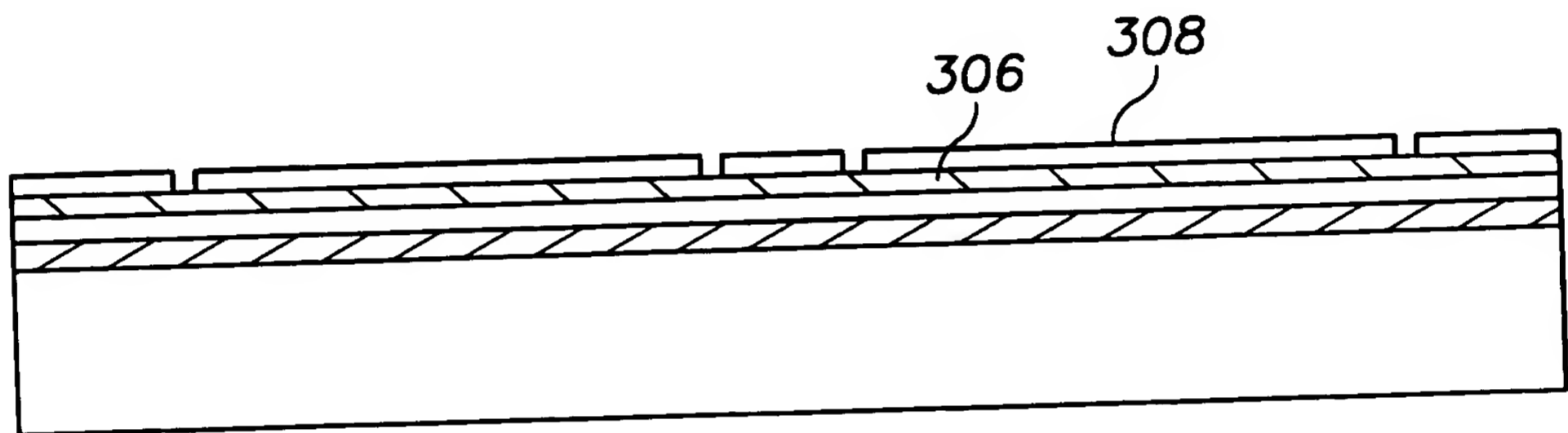


FIG. 23C

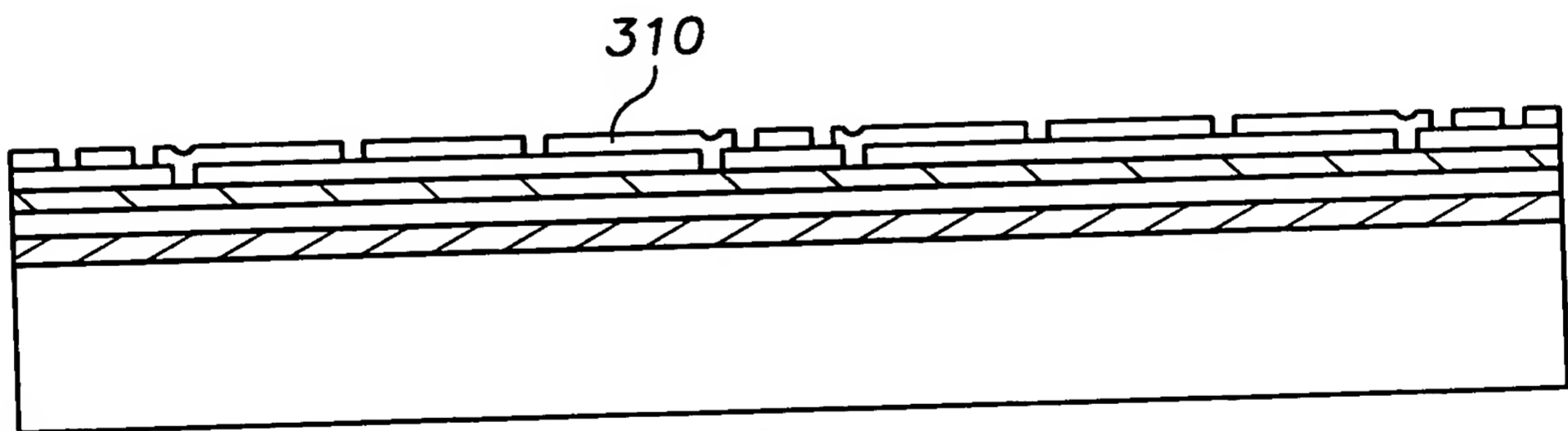


FIG. 23D

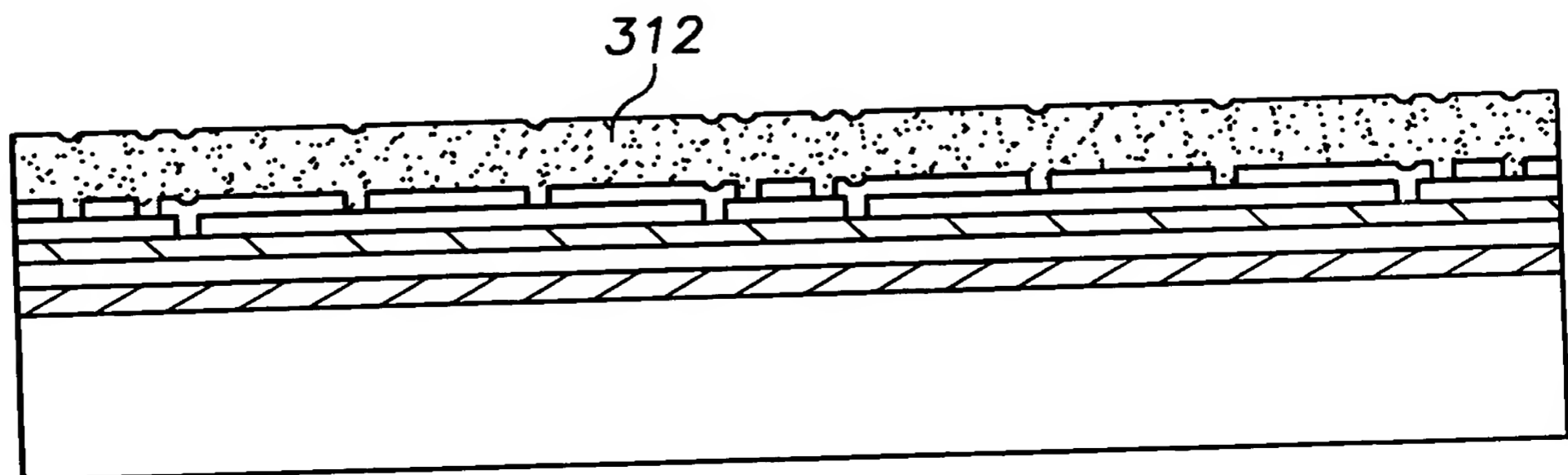


FIG.23E

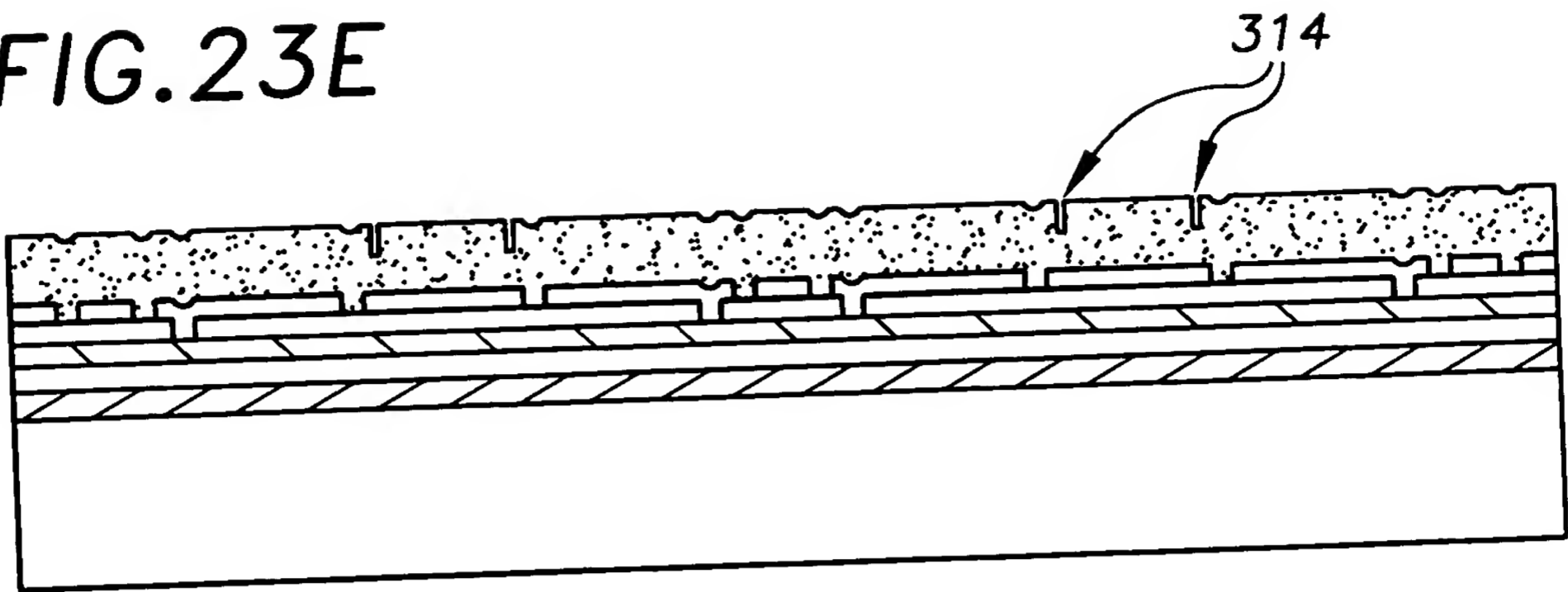


FIG.23F

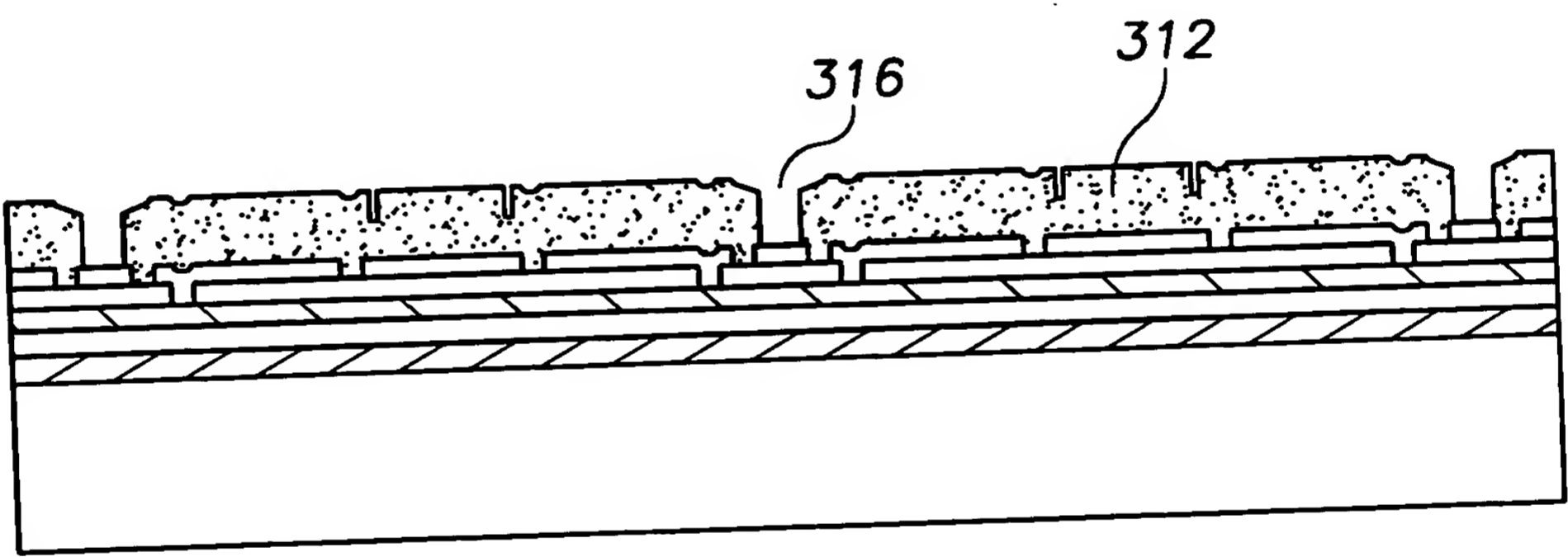


FIG.23G

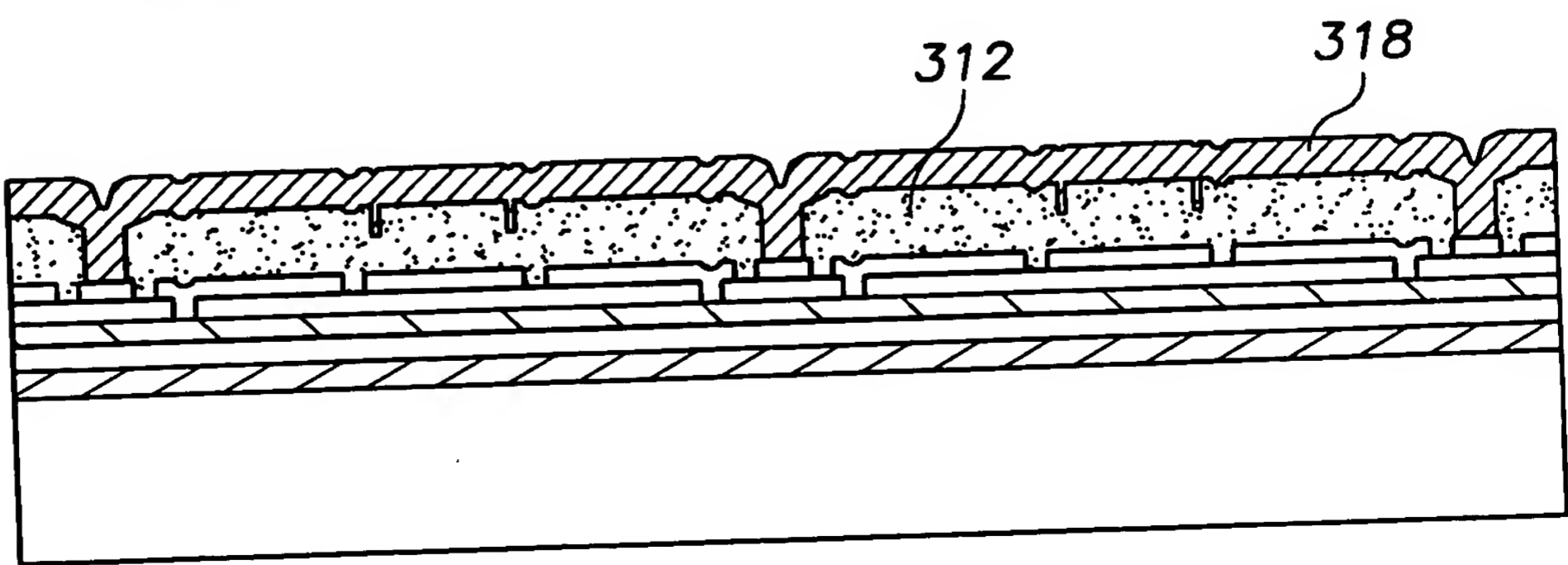


FIG.23H

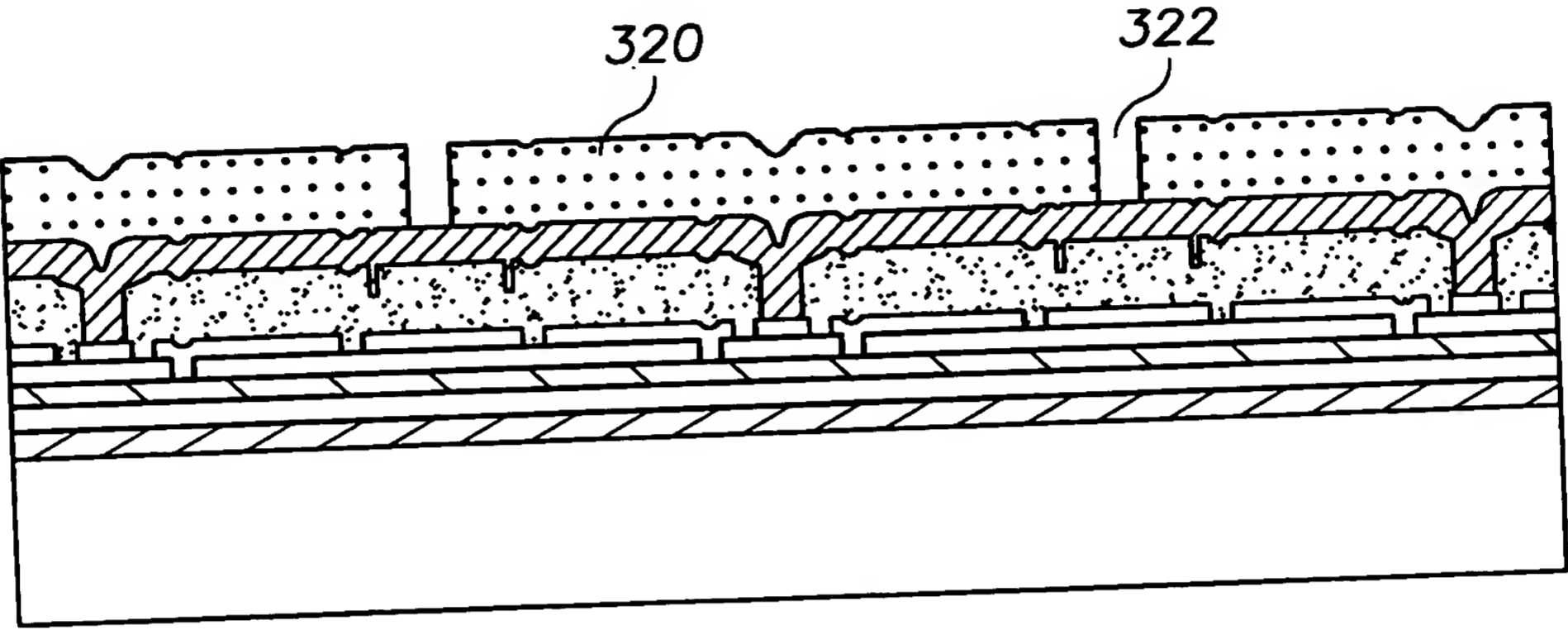


FIG.23I

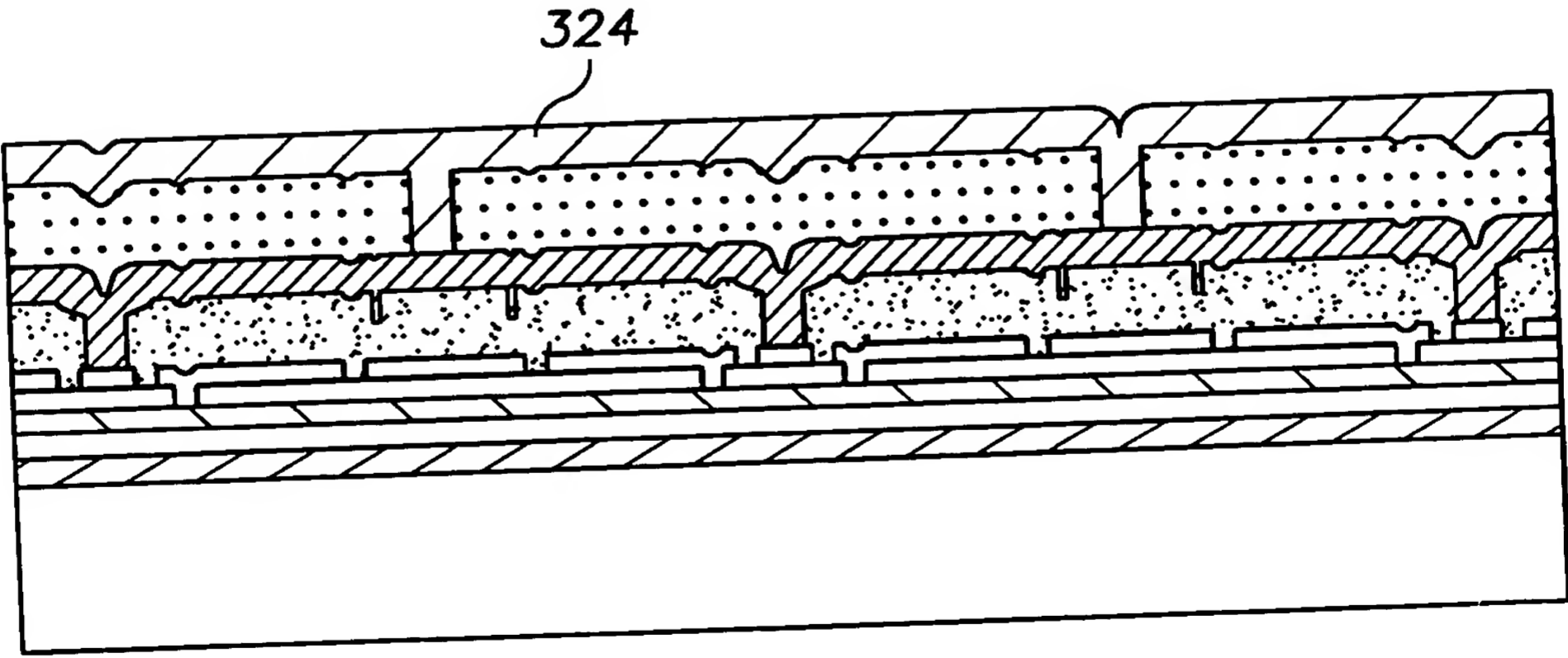


FIG.23J

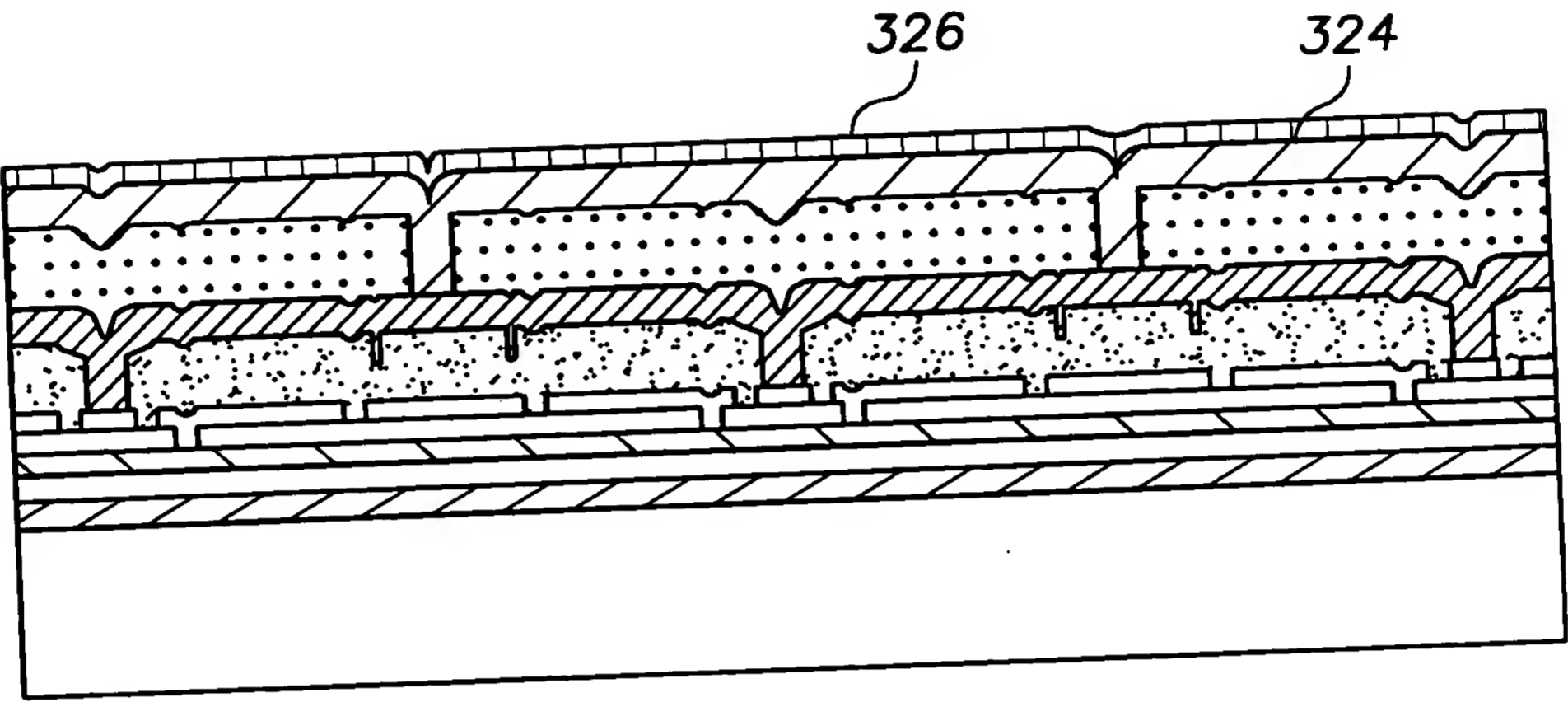
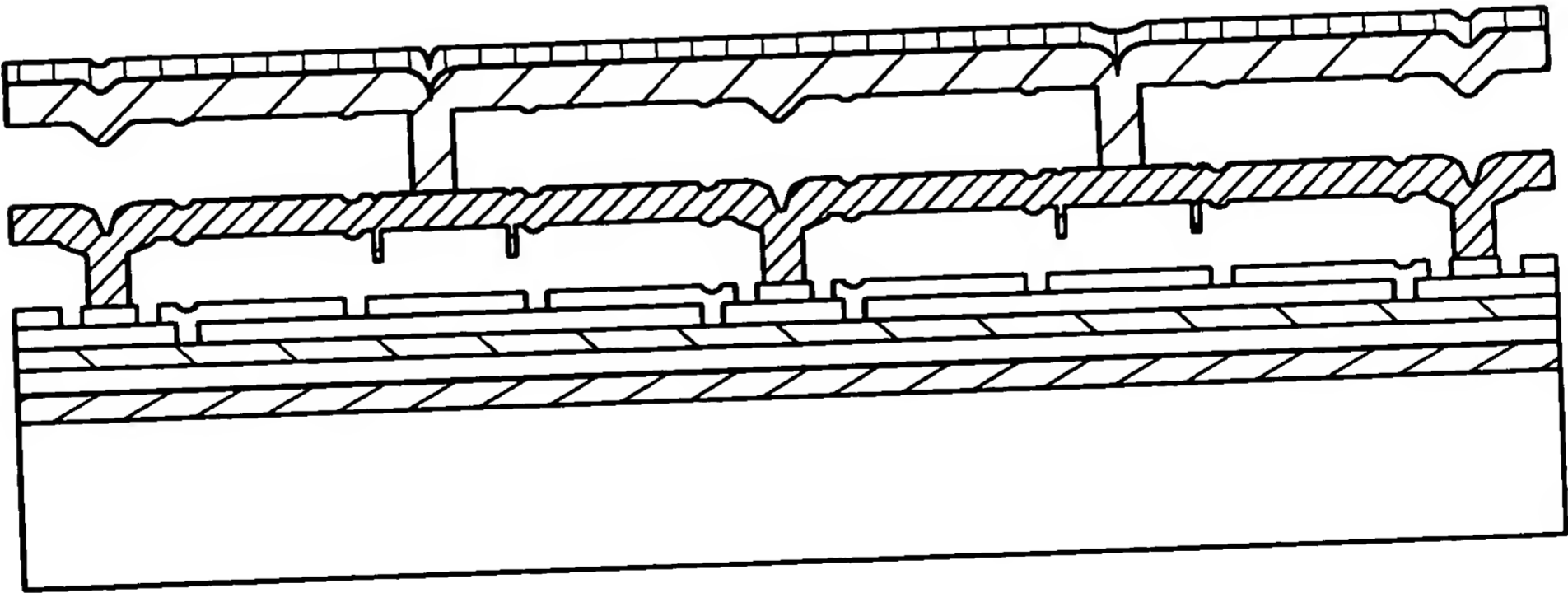
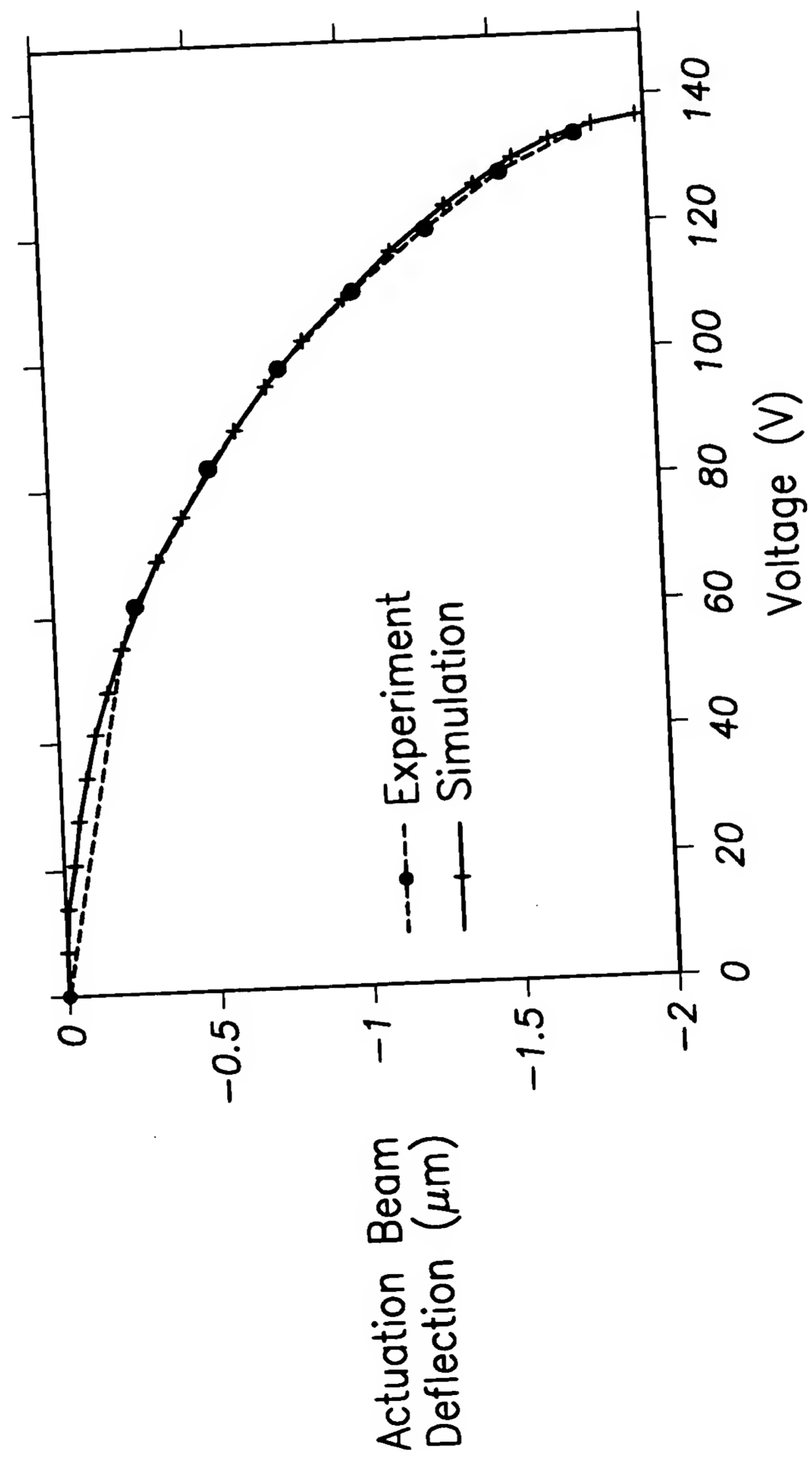


FIG.23K



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FIG. 24



TOTAL 2251001